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In Cooperation with  
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The Rutgers Turfgrass Proceedings is published yearly by the Rutgers Center for Turfgrass Science, Rutgers Cooperative Extension, and the New Jersey Agricultural Experiment Station, School of Environmental and Biological Sciences, Rutgers, The State University of New Jersey in cooperation with the New Jersey Turfgrass Association. The purpose of this document is to provide a forum for the dissemination of information and the exchange of ideas and knowledge. The proceedings provide turfgrass managers, research scientists, extension specialists, and industry personnel with opportunities to communicate with co-workers. Through this forum, these professionals also reach a more general audience, which includes the public.

This publication includes lecture notes of papers presented at the 2010 GREEN EXPO Turf and Landscape Conference. Publication of these lectures provides a readily available source of information

covering a wide range of topics and includes technical and popular presentations of importance to the turfgrass industry.

This proceedings also includes research papers that contain original research findings and reviews of selected subjects in turfgrass science. These papers are presented primarily to facilitate the timely dissemination of original turfgrass research for use by the turfgrass industry.

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Dr. Ann Brooks Gould, Editor  
Dr. Bruce B. Clarke, Coordinator

# PERFORMANCE OF KENTUCKY BLUEGRASS CULTIVARS AND SELECTIONS IN NEW JERSEY TURF TRIALS

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Kentucky bluegrass (*Poa pratensis* L.) is one of the most widely used and well known cool-season turfgrasses in the United States and Canada. Kentucky bluegrass spreads through underground stems called rhizomes. This rhizomatous growth habit allows for Kentucky bluegrass to hold up well under stress and recover quickly from damage while still maintaining a uniform complete turf cover. Kentucky bluegrass is a highly desired turfgrass for a large variety of applications; however, its widespread utility is limited by some factors. While Kentucky bluegrass is an excellent turfgrass in sunny to partly shaded microclimates as long as adequate nutrition is supplied, it often is outperformed in low light or low fertility microclimates.

The extensive rhizome system of Kentucky bluegrass is one of the reasons that this species is popular and widely used in sports turf in the Northeast United States. Rhizomes provide superior playability by reducing the damage caused by divoting and provide a smooth, uniform playing surface which helps to improve player safety. Evaluations of Kentucky bluegrass for wear tolerance and under low mowing heights have been conducted throughout the country to determine which cultivars are best for use in golf course fairways.

Kentucky bluegrass, almost exclusively, reproduces asexually though a process known as apomixis. While this makes crosses between plants difficult to perform, apomixis in Kentucky bluegrass also results in some advantages in the breeding process. It allows for the opportunity to lock hybrid vigor and produce true-to-type seeds from superior plants generation after generation. Over the past several decades, more than 200 cultivars of Kentucky bluegrass have been released.

Texas bluegrass, a species native to Texas and Oklahoma, is a dioecious species that is far more tolerant of heat and drought stress than Kentucky bluegrass. Crosses between Texas bluegrass female plants and Kentucky bluegrass are made to increase the tolerance of Kentucky bluegrass hybrids to these stresses and ultimately increase its adapted range into the transition zone.

Breeders are endlessly searching the world to obtain new germplasm in an attempt to continue to broaden the genetic bases of these two species. These collection trips and germplasm acquisitions are used in breeding programs to obtain new genes for stress tolerances and disease resistance and will be used to develop new cultivars. In addition to this breeding work, Rutgers participates in the National Turfgrass Evaluation Program (NTEP), which is sponsored by the USDA Beltsville Agricultural Research Center and National Turfgrass Federation, Inc. NTEP is a program that through the cooperation of many institutions nationwide, tests different turfgrass cultivars and selections in many different environments in order to assess their performance in a broad range of locations.

## PROCEDURES

Eleven Kentucky bluegrass trials were seeded from 2005 to 2009. Seven of these trials (Tables 1, 2, 4, 6, 8, 10, and 11) were located at the Rutgers Plant Biology and Pathology Research and Extension Farm at Adelphia, NJ, and four trials (Tables 3, 5, 7, and 9) were located at the Rutgers Horticulture Research Farm II in North Brunswick, NJ.

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These trials were planted by sowing a maximum of 0.53 oz of seed in 3 x 5 ft plots. This maximum rate is equivalent to 2.2 lb of seed per 1000 ft<sup>2</sup>. The trials were all arranged in a randomized complete block design with three replications. Annual nitrogen rates as well as the mowing heights for each trial are presented in Table 12. Nitrogen rates were not constant for all of the fields in order to prevent disease and or foster recovery from various stresses. Nitrogen application rates never exceeded 0.75 lb/1000 ft<sup>2</sup>. Mowing heights were maintained by using a reel mower for trials maintained at 1.5 inches and by a rotary mower for the trials maintained in at 3 inches.

After establishment, annual weeds were controlled using spring and summer applications of Dimension, and broadleaf weeds were controlled with fall and or spring applications of 2,4-D, dicamba, and MCPP. Merit was applied in August to control grubs on all tests presented. Depending on soil test results, soil pH was maintained between 6.0 and 6.5 with granular dolomitic limestone. Tests were irrigated during establishment and also when needed to avoid severe drought stress.

The 2008 and 2009 established fields at North Brunswick (Tables 7 and 9) were designed as low maintenance tests. These trials were maintained at three inches and allowed to become drought stressed and only irrigated in the late summer to aid recovery. In addition to these low maintenance trials, a trial planted at Adelphia in 2009 (Table 10) under pecan trees was designed as a shade test in order to further broaden the environmental conditions for Kentucky bluegrass evaluations.

Monthly ratings of all trials were conducted throughout the growing season for overall quality. Overall turf quality ratings are visual assessments that take into account color, brightness, leaf texture, density, uniformity, damage due to disease and insects, and overall attractiveness of the plot. In addition to overall quality ratings, additional traits were evaluated when differences became evident within the trials. These ratings included establishment, spring green-up, crown rust, winter color, leaf spot, color, heat tolerance, drought tolerance, living cover, wear, wear recovery, density, seed heads, billbug, and powdery mildew.

## RESULTS

### Billbug

Billbugs (species of *Sphenopus*) primarily feed on bluegrasses but are also a common pest to a wide range of turfgrasses. Billbug damage is often confused with either drought stress or disease; however, the major damage from billbugs is caused by billbug larvae feeding inside the stems, on the crowns, and on the roots (Buckley et al., 2010). Cultivars such as Nu Density, Sonoma, and Bluenote showed high levels of resistance to billbugs while cultivars such as Fahrenheit 90, 4-Season, and Orfeo were highly susceptible to billbugs (Table 6).

### Crown Rust

Crown rust (caused by the fungus *Puccinia coronata*) is a serious disease on some Kentucky bluegrass cultivars. The symptoms of rust are small yellow or brown spots on leaves that enlarge and increase in number until entire leaves are affected. Masses of bright orange spores develop on the leaves. Affected leaves die slowly, giving the turf a yellow to brown appearance. Cultivars such as Right, Anastasia, and Prosperity exhibited good resistance while Granite, Touchdown, and Front Page showed high levels of disease (Table 9 and 10).

### Drought

Kentucky bluegrasses are considered medium maintenance turfgrasses and can suffer severe stress during drought conditions. As water restrictions in communities nationally continue to become stricter the need for grasses capable of maintaining a high turf quality with limited water input increases. Characteristics such as root depth, root density, osmotic regulation, and leaf surface area:volume ratio can all affect drought tolerance or susceptibility. Cultivars such as Columbus, Rhapsody, and Brilliant exhibited good drought tolerance while cultivars such as Revel I, Anastasia, and Granite had very low turf quality under drought conditions (Table 9).

### Establishment

Rapid establishment is an important characteristic to consumers, sod-growers, and turf managers alike. Kentucky bluegrass is one of the slowest cool-season grasses to form a mature stand. Establishment can be influenced by a variety of factors such as genetics, seed quality environment, management practices,

and after-ripening dormancy. Caution should be exercised when interpreting the seedling vigor and establishment data of a given cultivar. After-ripening dormancy in newly harvested seed can significantly affect the stand. Other characteristics that affect establishment and seedling vigor include age of the seed, storage conditions, and environmental conditions at the time of seeding. Varieties such as Jefferson, Jumpstart, and Bluechip Plus all had high ratings for establishment while Mercury, America, and Orfeo established poorly (Tables 8 and 9).

### Leaf Spot

Leaf spot (caused by the fungus *Drechslera poae*) is a foliar disease that affects Kentucky bluegrass primarily under the cloudy, wet conditions of spring. Leaf spot is often associated with low carbohydrate levels in the leaf tissue. Cultivars which green up early in the spring use their stored carbohydrates and as a result can be more susceptible. Fahrenheit 90, Diva, and Arrowhead were minimally affected by the disease while Cheetah appeared highly susceptible (Tables 3 and 4).

### Powdery Mildew

Powdery mildew of Kentucky bluegrass is caused by the fungal pathogen *Erysiphe graminis*. It is often prevalent in shaded areas with poor air circulation (Smiley et al., 1992; Turgeon, 1991). Powdery mildew is often more severe in the high nitrogen conditions in which Kentucky bluegrass thrives (Smiley et al., 1992). Powdery mildew appears as patches of white mycelium; it looks as though lime or some other white powder was spread over the grass. Cultivars such as Prosperity, Touchdown, and KenBlue exhibited resistance to powdery mildew while cultivars such as Midnight, Rhythm, and Baron were highly susceptible (Table 10).

### Spring Green-up

This trait indicates the wide range of genetic diversity within Kentucky bluegrass. Due to an increase in leaf elongation that occurs in response to increases in temperature and photoperiod (Parsons and Robson, 1980), cultivars adapted to New Jersey and the mid-Atlantic region are more sensitive to these conditions and may green up earlier in the spring. Cultivars and selections that are adapted to higher latitudes need more dramatic changes in

temperature and photo period before spring green-up will begin. Cultivars such as Jumpstart, Rhapsody, and Washington all rated well for spring green-up while cultivars such as Mercury, America, and Orfeo exhibited slow spring green-up (Table 9).

### Wear

The ability of a turf stand to handle wear is an important trait to maintain the long-term quality and playability of the surface. Kentucky bluegrass is used extensively for sports fields in temperate climates due to its rhizomatous growth habit. Rhizomes help the turf recover from wear stress to form a uniform turf stand. As a result, the demand for traffic tolerant Kentucky bluegrass has continued to rise. Wear was simulated by using a novel wear simulator (Bonos et al., 2001), which is an engine-driven device with rotating rubber paddles that repeatedly hit the turf. Cultivars that maintained a high level of quality while under wear stress included Bewitched, Yankee, and Mystique; cultivars such as Hunnington, Quantum Leap, and Eagleton deteriorated greatly under wear stress (Table 2).

## SUMMARY

Kentucky bluegrass is grown for many uses under a diverse range of soil, environmental, and management conditions. As a result, there is a demand for cultivars that produce a durable, high quality turf for an assortment of uses and under a broad range of conditions. Improved resistance to important diseases, pests, and other abiotic stresses is needed if cultivars are expected to perform well in many situations.

## ACKNOWLEDGMENTS

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Table 1. Performance of Kentucky bluegrass cultivars and selections in a turf trial established in September 2005 at Adelphia, NJ. (Includes all entries of the 2005 National Turfgrass Evaluation Program (NTEP) Kentucky Bluegrass Test.)

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					
	2006-2010 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.
1 Prosperity	6.5	6.7	6.9	6.6	6.3	6.1
2 Emblem	6.5	7.3	5.8	6.4	6.6	6.2
3 Hampton	6.4	6.3	5.8	6.4	6.7	7.0
4 Solar Eclipse	6.4	6.6	6.1	6.8	6.5	5.8
5 3590-10 GZ-387	6.4	6.0	6.7	6.3	6.1	6.7
6 Bd 03-84	6.3	5.9	6.4	7.0	6.6	5.8
7 Award	6.3	6.6	6.1	6.3	6.9	5.8
8 A01-1106	6.2	6.1	5.3	6.2	6.5	7.1
9 Impact	6.2	6.7	5.9	6.3	6.6	5.5
10 Everest	6.2	6.8	5.8	6.9	6.6	4.7
11 Ginney II	6.2	6.5	5.3	6.3	6.8	5.9
12 A99-2328	6.1	6.3	5.6	6.4	6.2	6.3
13 NuChicago	6.1	6.3	5.9	6.7	6.2	5.5
14 A00-1400	6.1	6.3	6.0	5.8	6.3	6.2
15 A99-2031	6.1	6.1	6.2	6.4	5.8	6.0
16 Alexa II	6.1	6.6	5.6	6.1	6.6	5.6
17 Bewitched	6.1	6.1	5.5	5.8	6.2	6.8
18 Midnight II	6.1	6.3	5.9	6.3	6.5	5.3
19 A05-297	6.1	6.6	6.0	6.0	5.9	5.8
20 Tsunami	6.0	6.3	5.8	6.1	6.3	5.8
21 Blueberry	6.0	6.5	6.4	6.4	5.8	5.1
22 Everglade	6.0	6.3	5.8	6.5	6.0	5.6
23 3590-6 GZ-385	6.0	6.1	5.9	5.7	6.0	6.5
24 Midnight	6.0	6.1	5.6	6.3	6.4	5.6
25 A03-50	6.0	6.7	5.6	6.2	6.5	5.0
26 A05-314	6.0	5.7	5.8	5.6	6.6	6.2
27 Arcadia	6.0	6.8	5.7	6.0	6.3	5.2
28 3606-8 GZ-384	6.0	5.5	6.1	5.9	6.1	6.3
29 Diva	5.9	5.7	5.5	6.2	6.1	6.2
30 Quantam Leap	5.9	6.2	5.7	6.3	6.3	5.3
31 A99-447	5.9	6.3	5.5	5.4	6.2	6.4
32 NuDestiny	5.9	6.2	5.1	6.3	6.7	5.3
33 PST-1A4-311	5.9	5.9	6.0	5.9	5.8	6.0
34 Moon Beam	5.9	6.3	6.2	6.1	5.6	5.5
35 Rhythm	5.9	5.9	5.4	6.3	6.6	5.4

(Continued)

Table 1 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					
	2006-2010 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.
36 H94-292	5.9	6.4	5.7	5.6	5.8	6.1
37 Zinfandel	5.9	6.5	5.7	5.9	5.8	5.6
38 Sudden Impact	5.9	5.9	5.4	6.0	6.6	5.5
39 Serene	5.9	5.6	5.1	5.9	6.3	6.6
40 Skye	5.9	5.7	6.0	6.1	6.2	5.5
41 Avid	5.9	6.0	5.6	5.7	5.6	6.5
42 Shiraz	5.9	5.9	6.2	6.0	5.7	5.5
43 J-2502	5.9	6.5	5.2	6.2	6.2	5.1
44 Granite	5.9	5.9	5.3	6.2	6.6	5.2
45 PST-1A2-409	5.9	6.5	5.6	6.0	6.1	5.0
46 Yankee	5.8	5.9	5.7	5.9	5.7	5.7
47 A01-583	5.8	5.9	5.2	5.6	5.9	6.3
48 J-1334	5.8	6.4	5.7	6.0	6.2	4.6
49 Moonlight	5.8	5.6	5.7	5.7	5.6	6.3
50 Moonlight SLT	5.8	6.8	5.3	5.5	5.8	5.4
51 Blue Note	5.8	5.5	5.9	6.3	5.7	5.5
52 Kingfisher	5.8	5.3	5.9	5.3	6.1	6.3
53 A99-2123	5.8	5.8	6.3	5.8	5.5	5.5
54 P-105	5.8	5.5	5.5	5.6	5.7	6.5
55 A00-1193	5.8	5.5	5.3	5.7	5.9	6.5
56 PST-104-4	5.7	5.7	6.1	5.5	5.8	5.6
57 Excursion	5.7	6.3	5.5	5.6	6.0	5.2
58 Rhapsody	5.7	5.5	5.5	6.0	5.5	6.2
59 Liberator	5.7	5.9	5.1	5.8	6.4	5.5
60 PST-1A4-43	5.7	6.4	5.5	6.1	5.9	4.8
61 Beyond	5.7	6.5	5.4	5.5	6.1	5.1
62 A95-1048	5.7	5.3	6.0	5.8	5.8	5.8
63 Argos	5.7	5.6	5.9	5.7	5.6	5.7
64 STR 2485	5.7	5.2	5.8	6.1	5.8	5.6
65 A96-308	5.7	5.3	5.1	5.5	5.8	6.6
66 A05-295	5.7	5.4	5.7	5.7	6.0	5.6
67 A05-324	5.7	5.7	5.9	5.7	5.3	5.8
68 SR 2284	5.7	5.5	5.3	5.3	6.1	6.1
69 PST-104-3	5.7	5.1	5.7	5.2	6.2	6.1
70 NuGlade	5.7	6.0	5.5	5.7	6.0	5.1

(Continued)



Table 1 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					
	2006-2010 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.
71 A00-247	5.6	5.2	5.7	5.7	5.8	5.8
72 Bluestone	5.6	5.8	5.2	5.9	5.8	5.3
73 J-3429	5.6	6.2	5.7	6.0	5.7	4.6
74 A99-2026	5.6	5.4	5.5	5.7	5.6	5.9
75 Bd 99-2103	5.6	5.7	5.2	5.6	5.7	5.8
76 A97-1304	5.6	5.7	5.4	5.7	5.6	5.7
77 MSP 3723	5.6	5.5	5.6	5.6	5.5	5.8
78 Barrister	5.6	6.1	5.2	5.9	5.8	5.1
79 A05-361	5.6	5.6	5.4	5.9	5.8	5.2
80 Futurity	5.6	5.1	5.4	5.9	5.8	5.6
81 A99-3122	5.6	5.5	5.8	5.7	5.4	5.5
82 A99-2609	5.6	5.5	4.8	5.5	5.7	6.3
83 Bd 98-2108	5.5	5.6	5.7	5.7	5.6	5.2
84 A99-2377	5.5	5.8	5.1	5.9	5.5	5.4
85 A96-454	5.5	5.9	5.8	5.3	5.5	5.1
86 A00-99	5.5	5.3	5.4	5.6	5.3	6.1
87 POPR 04594	5.5	5.3	5.9	5.4	5.5	5.6
88 A99-2758	5.5	6.3	5.2	5.5	5.4	5.1
89 Aura	5.5	5.9	5.7	5.3	5.3	5.4
90 A00-2882	5.5	4.9	5.0	5.4	5.8	6.4
91 STR 2509	5.5	5.3	5.4	5.4	5.6	5.9
92 STR 2278	5.5	5.1	5.3	5.7	5.7	5.7
93 Sonoma	5.5	5.2	5.5	5.5	5.6	5.7
94 Gladstone	5.5	5.5	5.2	5.5	6.0	5.2
95 A00-1238	5.5	5.5	5.7	5.6	5.2	5.4
96 4-Season	5.5	5.5	5.6	5.5	5.8	5.0
97 A99-2717	5.5	5.1	5.5	5.7	5.3	5.6
98 A05-335	5.4	5.3	5.2	5.4	5.5	5.8
99 MSP-3752	5.4	5.1	5.4	5.4	5.4	5.9
100 Starburst	5.4	5.1	5.5	5.7	5.4	5.3
101 A04-71	5.4	6.2	5.6	5.5	5.4	4.4
102 Mystere	5.4	5.8	5.6	5.6	5.1	4.9
103 North Star	5.4	5.5	5.2	5.4	5.4	5.5
104 A99-269	5.4	5.2	5.3	5.5	5.2	5.7
105 PST-101-73	5.4	5.3	5.1	5.8	5.4	5.3

(Continued)

Table 1 (continued).

		-----Turf Quality <sup>1</sup> -----					
Cultivar or Selection	2006-2010 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	
106	SW AG 514	5.4	5.7	5.3	4.9	5.6	5.4
107	MSP-3699	5.4	4.9	5.0	5.5	5.3	6.1
108	A99-523	5.4	5.3	5.0	5.5	5.5	5.6
109	Washington	5.4	5.4	5.6	4.8	5.3	5.7
110	PST-109-1110	5.4	5.4	5.5	5.3	5.1	5.5
111	A05-354	5.4	5.3	4.7	5.6	5.1	6.0
112	A99-2998	5.4	5.5	5.0	5.5	5.3	5.5
113	A96-1338	5.3	5.4	5.3	5.2	5.3	5.4
114	A05-351	5.3	4.4	5.1	5.6	5.3	6.4
115	PSG 711	5.3	4.7	5.2	5.9	5.6	5.3
116	A03-66	5.3	5.3	5.3	5.6	5.4	5.1
117	A05-328	5.3	5.6	5.4	5.2	5.1	5.3
118	1QG-38	5.3	5.0	5.2	5.4	5.3	5.7
119	A05-331	5.3	5.1	5.5	5.3	4.9	5.8
120	A05-334	5.3	5.0	4.9	5.3	5.4	6.0
121	A05-339	5.3	5.3	5.0	5.2	5.5	5.7
122	Touche	5.3	5.0	5.5	5.5	5.2	5.4
123	PST-1A3-137	5.3	4.7	5.0	5.9	5.7	5.3
124	A03-4	5.3	5.9	5.4	5.4	5.0	4.9
125	A05-347	5.3	5.2	4.8	5.0	5.5	6.1
126	A00-1002	5.3	4.9	5.2	5.1	5.8	5.5
127	PST-1A1-899	5.3	5.5	5.3	5.4	5.4	4.9
128	AKB449	5.3	5.7	4.7	5.2	5.5	5.3
129	A01-250	5.3	4.6	5.0	5.5	5.5	6.0
130	Juliet	5.3	4.8	5.3	5.4	5.5	5.5
131	A97-1560	5.3	4.9	5.2	5.5	5.5	5.5
132	H99-1653	5.3	4.9	5.4	5.4	5.3	5.5
133	C-74	5.3	5.2	5.3	5.1	5.3	5.5
134	STR 2451	5.3	4.8	5.2	5.5	5.4	5.5
135	A99-2545	5.3	5.1	4.9	5.4	5.5	5.4
136	Jump Start	5.3	4.9	6.0	5.6	5.0	4.8
137	A98-3369	5.3	4.7	4.6	5.6	5.7	5.8
138	LS 4000	5.3	4.5	5.7	5.4	5.3	5.4
139	Glenmont	5.3	4.7	5.4	5.0	5.8	5.5
140	A05-333	5.3	5.3	5.2	5.1	5.1	5.6

(Continued)

Table 1 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					
	2006-2010 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.
141 Preakness	5.3	4.9	5.3	5.4	5.2	5.5
142 A04-68	5.3	5.9	5.4	5.7	4.8	4.5
143 A05-316	5.3	4.7	5.2	5.6	5.7	5.1
144 A05-336	5.3	4.9	5.3	5.4	5.2	5.6
145 H98-701	5.3	4.7	5.0	5.4	5.5	5.6
146 Rubicon	5.2	5.1	4.9	5.4	5.4	5.5
147 PST-102-360	5.2	5.2	5.3	5.1	5.7	5.0
148 Rugby II	5.2	5.4	4.5	5.5	5.6	5.2
149 A05-322	5.2	4.9	5.4	5.3	5.1	5.6
150 A05-325	5.2	5.1	5.0	5.2	5.3	5.6
151 A00-1395	5.2	5.1	5.4	5.1	4.9	5.7
152 Blackstone	5.2	4.4	5.3	5.2	5.5	5.7
153 A99-2337	5.2	5.2	4.7	5.3	5.2	5.8
154 A00-1262	5.2	5.3	5.1	5.1	5.3	5.3
155 PST-1A4-1103	5.2	5.9	4.4	5.0	5.4	5.3
156 A05-315	5.2	4.9	5.4	5.5	5.5	4.8
157 A98-974	5.2	4.5	5.0	5.7	5.7	5.2
158 A05-321	5.2	4.8	5.3	5.4	5.2	5.3
159 MSP 3724	5.2	5.1	5.1	5.2	5.2	5.4
160 America	5.2	5.0	5.0	5.5	5.1	5.3
161 Brilliant	5.2	4.7	5.3	5.3	5.1	5.6
162 PST-1A4-1139	5.2	5.1	5.2	5.1	5.6	4.9
163 Empire	5.2	5.0	4.3	5.1	5.8	5.7
164 A00-1254	5.2	5.0	5.0	5.3	5.4	5.2
165 Royce	5.2	4.7	5.0	5.4	5.2	5.5
166 A05-299	5.2	4.9	5.1	5.1	5.3	5.5
167 Voyager II	5.2	4.9	5.2	5.2	5.2	5.3
168 A05-345	5.2	4.9	5.5	5.1	5.2	5.1
169 A98-3320	5.1	5.3	4.8	5.4	4.9	5.4
170 RAD-762	5.1	4.6	5.4	5.4	4.9	5.3
171 CPP 822	5.1	4.7	4.6	5.4	5.5	5.4
172 A99-2678	5.1	5.1	5.1	5.0	5.2	5.3
173 A05-353	5.1	4.7	4.8	5.4	5.7	5.1
174 DP 76-9066	5.1	5.0	4.7	5.1	5.6	5.2
175 MSP-3700	5.1	4.9	4.9	5.3	5.1	5.3

(Continued)

Table 1 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					2010 Avg.
		2006-2010 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
176	A99-2427	5.1	5.1	5.0	4.9	5.3	5.2
177	A05-360	5.1	5.0	5.1	5.6	5.1	4.8
178	Dynamo	5.1	5.5	4.6	5.3	5.2	4.8
179	PST-104-241	5.1	5.4	4.7	5.3	5.1	4.9
180	A05-362	5.1	5.4	5.0	4.8	5.5	4.8
181	Armanda	5.1	4.9	5.3	5.4	5.2	4.6
182	A05-319	5.1	4.6	5.1	5.5	5.1	5.0
183	Julia	5.1	4.4	5.1	5.2	5.5	5.2
184	PST-104-844	5.1	4.1	4.9	5.4	5.6	5.4
185	STR 23064	5.1	4.5	4.7	5.5	5.1	5.5
186	STR 2332	5.0	5.0	4.7	5.1	5.0	5.3
187	Mystique	5.0	4.8	5.2	5.3	4.7	5.2
188	3597-1 GZ-386	5.0	4.7	5.2	5.1	5.3	4.8
189	Showcase	5.0	4.6	4.7	5.3	5.2	5.3
190	RAD-504	5.0	5.3	4.6	5.3	5.2	4.6
191	Aries	5.0	4.5	5.1	5.4	5.1	4.9
192	A05-204	5.0	5.3	4.8	5.3	4.7	4.8
193	A05-312	5.0	4.5	5.2	5.2	5.1	5.0
194	STR 2553	5.0	4.9	5.0	5.1	4.9	5.1
195	Wild Horse	5.0	4.1	5.0	5.8	5.2	4.9
196	A05-292	5.0	5.0	4.9	5.0	4.8	5.2
197	A05-306	5.0	4.4	5.0	5.3	5.2	5.0
198	A05-343	5.0	4.8	5.1	5.3	5.2	4.5
199	A05-311	5.0	4.6	5.2	5.1	5.2	4.9
200	A93-201	5.0	4.5	4.9	5.3	5.1	5.0
201	Cabernet	4.9	4.7	5.0	5.5	4.8	4.8
202	Belissimo	4.9	4.6	5.0	4.8	5.2	5.1
203	PST-1A3-1013	4.9	5.3	5.0	4.6	5.1	4.8
204	Rampart	4.9	4.7	5.3	5.0	4.9	4.8
205	Bordeaux	4.9	4.6	4.6	5.1	5.4	5.0
206	MSP 3722	4.9	4.8	4.6	5.0	4.9	5.4
207	Sombrero	4.9	4.3	4.9	4.9	5.4	5.0
208	A05-364	4.9	5.5	5.1	5.0	4.6	4.4
209	Greenteam	4.9	4.3	5.0	5.0	5.0	5.2
210	Moonshine	4.9	4.0	4.8	5.4	5.2	5.1

(Continued)

Table 1 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					
	2006-2010 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.
211 STR 2109	4.9	4.5	5.1	5.0	4.5	5.3
212 Harmonie	4.9	4.3	4.5	5.1	5.3	5.2
213 A05-201	4.9	4.1	4.8	5.2	5.3	5.1
214 A04-51	4.9	5.3	4.7	4.8	4.9	4.6
215 A97-1303	4.9	4.3	4.8	4.9	5.1	5.2
216 PST-1A4-394	4.9	4.5	5.2	5.0	5.2	4.3
217 A05-356	4.9	4.9	4.8	5.4	4.8	4.4
218 PST-1A4-312	4.8	5.1	4.9	4.6	4.7	4.9
219 A05-309	4.8	4.6	5.1	5.3	4.9	4.2
220 A98-689	4.8	4.7	4.4	4.8	5.0	5.2
221 Madison	4.8	4.3	5.2	5.1	4.9	4.7
222 Midnight Star	4.8	5.1	4.6	5.0	5.0	4.4
223 A03-38	4.8	4.5	5.0	4.9	5.0	4.7
224 Cheetah	4.8	4.8	4.4	4.8	4.8	5.2
225 A05-296	4.8	4.6	5.1	5.2	4.8	4.3
226 A05-310	4.8	4.1	4.8	5.2	5.2	4.7
227 Shamrock	4.8	4.5	4.6	4.9	5.1	4.8
228 Ulysses	4.8	3.9	5.1	4.8	5.4	4.8
229 SR 2100	4.8	4.9	5.0	4.6	4.7	4.7
230 Volt	4.8	3.9	4.2	5.3	5.4	5.0
231 Pinot	4.8	3.9	4.6	4.7	5.5	5.0
232 STR 23078	4.8	4.3	5.1	5.0	4.6	4.8
233 A00-2442	4.8	4.6	4.6	4.9	4.8	4.8
234 SPTR 2959	4.7	3.6	4.4	5.3	5.3	5.0
235 Arrow	4.7	4.2	4.6	4.6	5.3	4.9
236 A03-79	4.7	4.8	4.9	4.6	4.9	4.4
237 PST-102-688	4.7	4.1	3.9	5.0	5.3	5.3
238 Gaelic	4.7	4.2	4.7	5.5	4.7	4.4
239 Denim	4.7	4.8	4.7	5.0	4.3	4.6
240 A03-55	4.7	5.8	5.0	4.6	4.4	3.7
241 PST-1A2-1440	4.7	4.5	4.9	5.1	4.7	4.2
242 A99-3110	4.7	5.3	4.7	4.8	4.4	4.3
243 A03-72	4.7	5.3	4.5	4.5	4.8	4.3
244 Arrowhead	4.7	3.7	4.2	5.0	5.4	5.1
245 PST-102-43	4.6	4.2	4.6	4.9	4.8	4.7

(Continued)

Table 1 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					2010 Avg.
		2006-2010 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
246	PST-102-110	4.6	4.1	4.9	4.3	5.1	4.7
247	A05-344	4.6	5.1	4.6	4.9	4.5	4.2
248	A05-323	4.6	4.5	4.4	4.9	4.7	4.5
249	Bariris	4.6	3.7	4.6	4.9	4.8	5.0
250	PST-102-327	4.6	5.1	4.6	4.8	4.2	4.3
251	A95-410	4.6	4.9	4.3	4.6	4.7	4.5
252	Barrari	4.6	4.8	4.2	4.8	4.6	4.5
253	PST-102-324A	4.6	4.2	4.0	5.2	5.1	4.3
254	Eagleton	4.6	4.4	4.5	4.6	4.4	5.1
255	DLF 76-9075	4.6	4.4	4.6	4.8	4.5	4.5
256	PST-102-983	4.5	4.5	4.5	4.9	4.6	4.2
257	Ravel 1	4.5	4.8	4.4	4.6	4.7	4.1
258	Champagne	4.5	4.1	4.1	4.8	4.9	4.7
259	98-16 yellow	4.5	3.7	4.4	4.7	4.8	4.8
260	Opti-Green	4.5	4.1	4.6	4.5	4.6	4.6
261	A00-52	4.5	4.9	4.8	4.9	4.0	3.9
262	BAR VV 0709	4.5	4.5	4.4	4.9	4.4	4.1
263	High Noon	4.5	4.4	3.9	4.6	4.8	4.6
264	A05-200	4.5	4.6	4.0	4.6	4.6	4.5
265	PST-104-118	4.4	4.5	4.5	4.8	4.3	4.2
266	A97-1409	4.4	5.5	5.1	4.6	3.8	3.2
267	PST-102-158	4.4	4.9	4.1	4.4	4.4	4.5
268	PST-1G4-66	4.4	3.9	4.5	4.3	5.0	4.5
269	A05-341	4.4	5.4	4.4	4.3	4.5	3.5
270	Huntington	4.4	4.3	4.4	4.7	4.0	4.7
271	Baron	4.4	4.9	4.9	4.6	4.3	3.3
272	BAR VV 9630	4.4	4.7	4.3	4.5	4.4	4.0
273	A05-203	4.4	4.6	3.9	4.2	4.7	4.6
274	Livingston	4.4	4.3	4.5	4.6	4.1	4.4
275	H94-305	4.3	4.2	4.2	4.7	4.3	4.2
276	Barduke	4.3	4.8	4.1	4.8	4.2	3.5
277	Corsair	4.3	3.1	3.5	4.6	5.4	4.8
278	PST-1A3-1015	4.3	4.7	4.1	4.3	4.4	3.8
279	A05-330	4.3	5.3	4.4	3.3	4.1	4.2
280	A97-890	4.2	3.3	4.1	4.3	5.1	4.5

(Continued)

Table 1 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					2010 Avg.
		2006-2010 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
281	A05-332	4.2	4.8	4.7	3.9	4.0	3.6
282	PST-1GA-67	4.2	3.4	4.1	4.1	4.8	4.6
283	PST-104-179	4.2	3.7	3.8	4.0	4.7	4.7
284	PST-1A4-1033	4.2	4.4	3.5	4.5	4.6	3.9
285	A05-358	4.2	4.4	4.1	4.2	4.2	3.9
286	BAR VK 0710	4.2	3.9	4.3	4.1	4.1	4.4
287	A05-320	4.2	4.5	4.1	4.3	4.1	3.7
288	Aviator	4.2	3.6	3.7	4.2	4.7	4.6
289	Northside	4.1	3.8	4.4	4.2	4.1	4.0
290	A00-2469	4.1	3.9	4.0	4.4	4.1	3.9
291	PST-1AP4-34	4.1	4.3	3.4	4.0	4.6	4.2
292	BAR VV 0665	4.0	4.1	3.3	4.1	4.8	3.9
293	PST-1A4-1102	4.0	3.9	3.9	4.0	4.4	3.9
294	PST-102-692	4.0	3.5	3.3	4.4	4.8	4.1
295	Evora	4.0	4.7	3.8	4.1	3.8	3.4
296	PST-1A4-533	4.0	3.7	3.5	4.3	4.1	4.2
297	PST-1A4-1036	3.9	4.0	3.4	4.2	4.3	3.8
298	A05-329	3.9	4.0	3.9	3.4	4.2	4.2
299	PST-102-238	3.9	3.4	3.2	4.0	4.3	4.7
300	PST-102-354	3.9	3.5	4.0	3.8	4.3	3.9
301	SRX 20RF	3.9	3.5	3.6	4.0	4.1	4.3
302	Bandera	3.9	4.6	5.0	4.6	2.8	2.5
303	PST-102-690	3.9	3.4	3.2	4.2	4.4	4.1
304	PST-103-630	3.8	4.0	2.8	3.8	4.1	4.2
305	Reveille	3.8	3.0	2.7	4.0	4.6	4.6
306	98-21 blue	3.8	3.6	3.7	3.7	3.7	4.2
307	A00-107	3.8	3.7	3.6	3.9	3.8	3.8
308	PST-1A3-1189	3.7	4.3	3.0	3.8	4.1	3.5
309	A05-350	3.7	3.7	3.5	3.8	4.0	3.7
310	H01-847	3.7	3.9	3.7	3.5	3.3	4.0
311	A05-202	3.6	3.1	3.1	3.5	4.0	4.3
312	PST-1A3-1279	3.5	3.1	3.3	3.5	4.0	3.9
313	PST-1A3-472	3.5	3.4	3.4	3.9	3.4	3.7
314	A03-162	3.5	3.5	3.7	3.6	3.5	3.4
315	PST-1A1-544	3.5	3.8	3.2	3.7	3.4	3.5

(Continued)

Table 1 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					
	2006-2010 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.
316 PST-1A94-21	3.4	3.4	3.1	3.3	3.8	3.6
317 98-10 purple	3.4	3.8	3.4	3.2	3.0	3.5
318 PST-102-239	3.4	2.7	2.8	3.3	3.9	4.2
319 PST-1G4-65	3.4	2.7	3.1	3.7	3.8	3.5
320 Big Chip	3.3	2.9	3.0	3.4	3.6	3.9
321 Mermaid	3.2	3.1	3.8	3.1	3.2	3.0
322 Moon Struck	3.2	3.1	3.2	3.2	2.9	3.7
323 PST-102-803	3.2	1.9	2.3	4.0	3.9	3.8
324 Kenblue	3.0	4.0	3.4	2.7	2.5	2.1
325 Blue Angel	2.8	2.9	2.8	2.5	2.8	3.1
LSD at 5% =	0.6	1.0	0.8	0.7	0.6	0.8

<sup>1</sup>9 = best turf quality



Table 2. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2006 at Adelphia, NJ.

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----										Winter		Wear		Wear Recovery <sup>4</sup> Density <sup>5</sup>	
	2007-		2008		2009		2010		Color <sup>2</sup>		Wear <sup>3</sup>		Recovery <sup>4</sup>		Density <sup>5</sup>	
	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	March	2010	Aug.	2010	Sept.	2010	Sept.	2010
1 Bewitched	6.1	6.6	5.5	6.0	6.0	6.5	3.3	8.0	8.3	7.3	8.0	8.3	7.3			
2 PST-104-133	6.1	6.5	5.9	6.4	6.0	5.5	4.3	4.3	5.3	7.3	4.3	5.3	8.3			
3 A03-3590-6	5.9	6.0	5.1	5.8	6.5	6.5	5.0	7.3	8.3	4.7	7.3	8.3	8.0			
4 A00-1193	5.8	6.2	5.2	5.9	6.1	6.1	4.7	5.7	6.3	4.7	5.7	6.3	7.0			
5 A05-366	5.7	5.7	5.2	5.9	6.1	6.1	6.0	8.7	9.0	6.0	8.7	9.0	8.0			
6 Yankee	5.7	6.0	5.4	5.4	6.0	6.0	4.7	7.0	7.7	4.7	7.0	7.7	7.7			
7 A01-1106	5.6	5.6	5.1	5.9	6.0	6.0	7.3	7.3	7.7	7.3	7.3	7.7	7.7			
8 A03-3606-8	5.6	5.9	5.3	5.6	5.7	5.7	4.7	6.7	6.3	4.7	6.7	6.3	8.3			
9 A99-2031	5.6	6.1	4.7	5.9	5.7	5.7	4.7	6.0	5.0	4.7	6.0	5.0	5.7			
10 A99-2026	5.6	5.7	5.2	5.5	5.9	5.9	4.3	5.0	6.7	4.3	5.0	6.7	5.7			
11 P-707	5.6	5.9	5.1	5.3	6.1	6.1	4.3	5.7	6.0	4.3	5.7	6.0	6.3			
12 A03TB-795	5.6	6.0	5.5	5.4	5.4	5.4	5.3	3.0	4.3	5.3	3.0	4.3	5.7			
13 A06-2	5.6	5.8	5.1	5.6	5.8	5.8	5.0	6.7	7.3	5.0	6.7	7.3	7.0			
14 A06-28	5.6	5.6	5.1	5.5	6.0	6.0	3.3	5.3	6.0	3.3	5.3	6.0	6.0			
15 A06-8	5.6	5.7	5.2	5.4	5.8	5.8	5.7	4.7	4.3	5.7	4.7	4.3	6.7			
16 A06-84	5.5	5.8	5.3	5.2	5.8	5.8	5.7	7.0	7.7	5.7	7.0	7.7	6.7			
17 A06-26	5.5	5.8	5.4	5.4	5.4	5.4	5.3	5.7	6.0	5.3	5.7	6.0	6.0			
18 Blue-Riffic	5.5	6.2	4.7	5.9	5.2	5.2	5.0	5.7	5.3	5.0	5.7	5.3	9.0			
19 A03-1	5.5	5.8	5.2	5.8	5.3	5.3	5.7	5.3	7.7	5.7	5.3	7.7	6.7			
20 A06-6	5.5	5.4	5.8	5.6	5.1	5.1	5.3	3.3	4.3	5.3	3.3	4.3	5.3			
21 PST-1A2-409	5.5	7.0	5.4	5.4	4.2	4.2	5.0	5.3	6.0	5.0	5.3	6.0	6.7			
22 A04-68	5.5	6.5	5.0	5.2	5.2	5.2	5.7	6.3	7.3	5.7	6.3	7.3	7.0			
23 A06-19	5.5	6.0	4.7	5.6	5.6	5.6	6.7	6.3	7.3	6.7	6.3	7.3	6.7			
24 A01-349	5.5	5.8	4.3	5.7	6.1	6.1	5.3	7.3	7.3	5.3	7.3	7.3	8.7			
25 STR 235	5.5	5.9	4.9	5.3	5.8	5.8	5.0	4.3	5.0	5.0	4.3	5.0	6.3			

(Continued)

Table 2 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----					Winter		Wear		Wear Recovery <sup>4</sup> Density <sup>5</sup>	
	2007-2010 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	Color <sup>2</sup> March 2010	Wear <sup>3</sup> Aug. 2010	Recovery <sup>4</sup> Sept. 2010	Density <sup>5</sup> Sept. 2010	Wear <sup>3</sup> Aug. 2010	Recovery <sup>4</sup> Sept. 2010
26 A99-2123	5.5	5.4	5.2	5.9	5.3	6.3	4.7	5.0	6.0	4.7	5.0
27 A06-33	5.4	5.8	5.4	5.3	5.2	6.3	4.7	6.7	5.3	4.7	6.7
28 PST-103-585	5.4	6.6	5.6	5.2	4.3	4.7	6.3	7.0	6.3	6.3	7.0
29 A99-2758	5.4	6.0	4.8	5.4	5.4	4.7	6.0	6.7	7.7	6.0	6.7
30 PST-102-862	5.4	5.5	5.2	5.3	5.6	5.0	6.0	6.0	9.0	6.0	6.0
31 H01-700	5.4	5.4	5.1	5.3	5.7	3.3	6.3	8.0	7.0	6.3	8.0
32 A05-331	5.4	5.0	5.6	5.7	5.3	4.3	6.3	8.0	7.7	6.3	8.0
33 A94MH-94	5.4	5.0	4.9	5.2	6.4	5.3	8.3	7.3	8.3	8.3	7.3
34 PST-102-45	5.4	5.5	5.2	5.7	5.0	5.3	4.0	5.0	6.0	4.0	5.0
35 A06-24	5.4	5.9	4.9	5.6	5.0	5.3	3.7	4.0	4.7	3.7	4.0
36 Moonlight	5.4	5.3	5.1	5.3	5.8	4.7	5.3	7.0	5.3	5.3	7.0
37 Aura	5.4	6.0	5.0	5.3	5.2	8.0	5.7	7.7	6.7	5.7	7.7
38 A05-362	5.4	5.6	5.9	5.2	4.8	4.7	3.3	5.7	4.7	3.3	5.7
39 Diva	5.4	5.2	4.9	5.4	6.0	4.3	6.0	7.3	7.7	6.0	7.3
40 A05-373	5.4	5.7	5.0	5.5	5.3	7.7	6.3	7.0	6.7	6.3	7.0
41 Right	5.4	6.0	4.8	5.7	4.9	5.7	3.7	5.3	7.7	3.7	5.3
42 Rhythm	5.4	6.0	4.4	5.8	5.2	3.3	4.0	4.7	7.7	4.0	4.7
43 A04-1272	5.3	6.1	4.5	5.1	5.7	5.7	5.0	6.0	7.0	5.0	6.0
44 H01-697	5.3	5.9	5.0	5.2	5.2	4.7	5.3	7.3	5.3	5.3	7.3
45 A99-523	5.3	5.0	5.2	5.7	5.4	5.0	7.7	8.3	7.7	7.7	8.3
46 A06-47	5.3	5.0	5.3	5.5	5.5	7.3	6.7	7.0	6.7	6.7	7.0
47 A98-3369	5.3	5.1	5.0	5.4	5.8	7.3	7.3	8.0	9.0	7.3	8.0
48 Royale	5.3	5.1	5.3	5.4	5.5	5.0	5.3	7.0	6.0	5.3	7.0
49 Mystere	5.3	5.8	5.1	5.1	5.2	5.7	5.0	8.3	6.7	5.0	8.3
50 A06-23	5.3	5.3	5.5	5.2	5.2	4.0	6.0	7.7	6.3	6.0	7.7

(Continued)

Table 2 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----						Winter		Wear	
	2007-2010	2007	2008	2009	2010	Color <sup>2</sup> March 2010	Wear <sup>3</sup> Aug. 2010	Recovery <sup>4</sup> Sept. 2010	Density <sup>5</sup> Sept. 2010	
	Avg.	Avg.	Avg.	Avg.	Avg.					
51 A05-367	5.3	5.7	5.1	5.4	4.9	4.3	3.0	3.7	6.0	
52 A04-71	5.3	5.5	5.5	5.6	4.7	4.7	6.3	7.7	7.7	
53 A05-354	5.3	5.8	4.9	5.3	5.2	5.7	7.3	7.0	5.7	
54 A01-349	5.3	5.3	5.1	5.2	5.6	5.0	6.0	6.3	7.7	
55 A99-2377	5.3	5.4	5.0	5.3	5.5	5.3	5.3	7.3	5.3	
56 A05-351	5.3	5.5	4.4	5.7	5.6	5.0	5.3	5.3	7.0	
57 A06-7	5.3	4.9	5.0	5.4	5.8	4.7	6.7	7.7	6.3	
58 A06-46	5.3	5.3	4.4	5.7	5.7	7.0	7.0	8.0	6.7	
59 Arcadia	5.3	5.9	4.9	5.4	4.8	2.3	3.3	3.7	6.7	
60 A97-1686	5.3	6.2	4.5	5.5	4.9	3.0	3.0	3.7	7.7	
61 Moonlight SLT	5.2	5.8	5.0	5.1	5.0	4.3	5.0	5.3	7.7	
62 P-105	5.2	4.8	4.6	5.5	6.1	5.3	5.3	6.7	7.0	
63 Arrow	5.2	4.9	5.6	5.2	5.3	5.7	6.7	8.3	6.7	
64 PP 028402	5.2	5.5	4.8	5.4	5.3	6.0	8.7	8.7	8.7	
65 A05-333	5.2	5.4	4.9	5.0	5.6	4.7	6.3	8.0	7.0	
66 A06-11	5.2	5.1	5.3	5.4	5.2	5.0	5.0	7.0	6.0	
67 A95-1048	5.2	5.2	4.5	5.7	5.5	6.3	3.7	4.3	5.0	
68 A05-295	5.2	5.3	4.5	5.8	5.3	7.3	7.0	8.7	8.3	
69 A05-347	5.2	5.7	4.8	5.2	5.2	6.3	6.0	5.3	5.3	
70 A03-34	5.2	5.2	5.4	5.3	4.9	6.7	6.0	7.7	6.0	
71 A03TB-422	5.2	5.8	4.7	5.2	5.1	7.0	7.0	7.7	7.0	
72 RAD-513	5.2	5.3	5.1	5.2	5.2	4.7	5.3	5.7	7.3	
73 MVS 3261	5.2	4.8	5.1	5.2	5.7	4.3	6.7	7.7	8.3	
74 Blue-Tastic	5.2	5.4	4.9	5.3	5.2	5.7	6.3	6.7	6.0	
75 A03-4	5.2	5.9	5.1	4.9	4.8	5.3	6.0	8.3	6.3	

(Continued)

Table 2 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----					Winter		Wear	
	2007-2010	2007	2008	2009	2010	Color <sup>2</sup> March 2010	Wear <sup>3</sup> Aug. 2010	Recovery <sup>4</sup> Sept. 2010	Density <sup>5</sup> Sept. 2010
	Avg.	Avg.	Avg.	Avg.	Avg.				
76 A00-3037	5.2	5.3	5.3	4.9	5.1	6.3	8.0	8.0	8.7
77 A03-51	5.2	6.1	5.0	5.1	4.5	4.3	4.3	5.0	6.3
78 A03-3597-1	5.2	5.4	5.2	5.2	4.9	3.7	6.7	7.3	7.7
79 A98-3366	5.2	5.6	4.6	4.9	5.6	6.0	8.0	8.3	7.7
80 A05-334	5.1	5.4	4.4	5.3	5.5	4.3	6.7	7.3	7.3
81 STR 2278	5.1	5.0	4.6	5.3	5.7	5.0	7.0	7.3	7.7
82 A04-1381	5.1	5.1	4.8	5.1	5.5	2.3	6.0	6.7	7.7
83 A99-3119-2	5.1	4.8	5.2	5.3	5.3	3.3	6.3	7.7	7.7
84 A06-27	5.1	4.9	4.5	5.8	5.3	3.7	5.7	7.0	6.7
85 A04-1569	5.1	5.6	4.3	4.8	5.7	3.3	6.0	7.3	8.0
86 RAD-504	5.1	6.0	5.1	5.0	4.3	3.7	4.7	6.3	6.0
87 A06-17	5.1	4.9	5.2	5.3	5.0	5.7	5.3	6.7	4.7
88 A04-1473	5.1	5.7	5.2	4.7	4.9	4.0	4.3	5.3	7.7
89 A05-314	5.1	5.2	4.4	5.3	5.5	6.3	3.7	3.7	6.7
90 STR 2324	5.1	5.0	5.2	5.2	5.0	3.3	5.3	7.0	6.0
91 A06-40	5.1	5.3	4.8	4.8	5.4	5.0	4.7	6.7	5.7
92 A03TB-252	5.1	4.7	5.3	5.2	5.1	5.0	5.7	7.7	6.3
93 Midnight	5.1	5.8	4.4	5.1	5.0	3.0	3.7	5.0	6.0
94 Royce	5.1	5.0	4.9	5.3	5.2	4.3	5.7	7.7	7.3
95 RAD-631	5.1	5.9	4.8	4.6	5.0	6.3	5.7	6.3	7.3
96 NA-3261	5.1	4.8	4.5	5.2	5.8	5.0	7.3	8.7	8.7
97 A05-324	5.1	5.0	4.8	5.1	5.4	4.0	6.7	7.7	7.3
98 Jump Start	5.1	5.5	5.1	4.9	4.8	6.0	5.3	6.0	5.7
99 A00-3030	5.1	5.9	4.4	4.9	4.9	7.0	7.0	7.3	8.7
100 A04-1321	5.1	5.3	4.7	4.6	5.6	3.7	7.3	7.0	8.7

(Continued)

Table 2 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----					Winter		Wear		Recovery <sup>4</sup> Density <sup>5</sup>	
	2007-	2007	2008	2009	2010	Color <sup>2</sup>	Wear <sup>3</sup>	Recovery <sup>4</sup>	Density <sup>5</sup>	Sept.	2010
	2010	Avg.	Avg.	Avg.	Avg.	March	Aug.	Sept.	Sept.	2010	2010
101 Brilliant	5.1	5.0	4.6	5.4	5.2	4.3	5.7	7.0	5.3	7.0	5.3
102 PST-102-983	5.1	5.2	4.7	5.5	4.8	5.7	4.7	4.3	5.7	4.3	5.7
103 A03TB-677	5.1	5.4	5.2	5.2	4.4	6.3	3.3	4.7	4.0	4.7	4.0
104 A04-69	5.0	5.9	4.9	4.9	4.5	5.0	6.0	7.7	6.0	7.7	6.0
105 A03-71	5.0	5.0	4.7	5.2	5.3	4.7	6.7	8.3	6.7	8.3	6.7
106 A03TB-676	5.0	5.3	4.9	5.3	4.6	6.3	3.3	5.0	4.7	5.0	4.7
107 1QG-38	5.0	4.9	5.7	4.8	4.7	4.0	4.0	6.0	7.3	6.0	7.3
108 A06-42	5.0	5.1	4.9	4.9	5.1	5.3	5.0	5.7	5.7	5.7	5.7
109 STR 23064	5.0	5.4	4.4	5.0	5.3	4.3	6.3	7.3	7.0	7.3	7.0
110 Mystique	5.0	4.8	4.7	5.2	5.4	3.7	7.0	7.7	7.3	7.7	7.3
111 Rubican	5.0	5.4	4.3	4.9	5.5	6.7	5.7	6.7	9.0	6.7	9.0
112 STR 2509	5.0	4.8	4.2	5.4	5.7	4.7	7.3	8.3	7.0	8.3	7.0
113 A00-1254	5.0	4.8	4.2	5.4	5.7	4.7	5.0	7.0	6.3	7.0	6.3
114 A96-1338	5.0	5.2	4.7	4.7	5.5	7.3	7.3	7.3	8.7	7.3	8.7
115 STR 2485	5.0	5.5	4.9	4.8	4.8	5.7	4.3	4.3	6.3	4.3	6.3
116 H01-938	5.0	4.9	5.5	5.0	4.5	5.7	4.7	9.0	5.3	9.0	5.3
117 SR 2284	5.0	4.1	4.4	5.7	5.7	7.0	6.3	7.0	6.7	7.0	6.7
118 RAD-630	5.0	5.4	5.1	4.9	4.5	6.3	5.7	7.0	6.7	7.0	6.7
119 A99-2717	5.0	4.8	4.8	5.0	5.3	4.0	6.3	8.3	7.0	8.3	7.0
120 A03-37	5.0	5.2	5.3	4.7	4.7	6.3	5.7	7.0	5.3	7.0	5.3
121 A05-336	5.0	5.1	5.1	4.9	4.8	4.3	5.7	6.3	7.0	6.3	7.0
122 PST-103-87	5.0	5.7	4.4	5.0	4.8	5.3	2.3	4.3	6.7	4.3	6.7
123 Bluestone	5.0	5.5	4.3	5.4	4.7	2.7	3.7	4.7	6.7	4.7	6.7
124 A06-20	5.0	5.2	5.1	5.0	4.6	5.0	6.0	7.3	6.0	7.3	6.0
125 A05-322	5.0	5.2	5.0	5.1	4.5	4.0	4.7	4.3	6.0	4.3	6.0

(Continued)

Table 2 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----					Winter		Wear	
	2007-2010 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	Color <sup>2</sup> March 2010	Wear <sup>3</sup> Aug. 2010	Recovery <sup>4</sup> Sept. 2010	Density <sup>5</sup> Sept. 2010
126 Quantum Leap	5.0	5.8	4.8	5.1	4.1	2.3	2.7	3.3	5.7
127 A06-13	4.9	5.2	4.8	5.0	4.7	4.3	5.7	7.7	6.3
128 A04-1568	4.9	5.6	4.7	4.6	4.8	3.3	5.0	5.7	5.3
129 Denali	4.9	5.0	4.7	4.9	5.2	4.0	5.7	7.0	7.3
130 A06-37	4.9	5.2	4.7	4.7	5.1	7.0	5.0	4.7	5.0
131 A04-1529	4.9	5.2	4.5	4.4	5.6	3.3	3.3	6.0	7.3
132 A05-310	4.9	4.5	4.9	5.1	5.2	5.0	6.3	6.7	7.0
133 A93-201	4.9	4.2	5.1	5.0	5.4	5.3	7.7	8.0	7.0
134 SR2109	4.9	5.4	4.4	4.8	5.1	3.7	7.0	6.7	8.7
135 Touche	4.9	5.2	4.6	4.7	5.3	6.3	5.7	6.0	8.0
136 Argos	4.9	5.0	4.5	5.2	4.9	6.0	7.0	7.3	5.0
137 Midnight Star	4.9	5.5	4.6	4.9	4.6	4.0	3.3	5.3	5.0
138 STR 2451	4.9	4.8	4.9	4.9	5.0	3.3	5.3	7.0	6.3
139 STR 2553	4.9	4.5	5.1	4.7	5.3	3.7	6.0	7.3	7.0
140 A99-3119-1	4.9	4.5	4.6	5.4	5.1	4.0	5.3	6.3	6.0
141 STR 23078	4.9	4.7	4.7	5.1	5.0	4.0	6.3	7.7	6.7
142 Rampart	4.9	4.6	5.0	4.6	5.3	5.0	6.0	7.7	6.0
143 STR 2332	4.9	4.5	4.6	4.9	5.4	4.3	6.7	8.0	7.3
144 A03-72	4.9	4.8	4.7	4.9	5.0	5.0	5.7	7.3	6.7
145 Midnight II	4.8	5.7	4.4	5.1	4.2	3.0	3.3	3.7	6.3
146 A99-2377	4.8	5.2	4.3	5.2	4.5	5.7	4.3	6.0	5.0
147 Unique	4.8	4.6	4.1	5.3	5.3	4.0	5.7	6.7	8.0
148 RAD-510	4.8	5.0	5.1	4.8	4.4	3.3	2.3	2.7	5.3
149 Voyager II	4.8	4.9	4.4	4.9	5.1	4.7	6.3	7.7	7.7
150 Starburst	4.8	4.8	4.6	4.7	5.1	6.0	5.7	8.3	6.3

(Continued)

Table 2 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----					Winter		Wear	
	2007-2010	2007	2008	2009	2010	Color <sup>2</sup> March 2010	Wear <sup>3</sup> Aug. 2010	Recovery <sup>4</sup> Sept. 2010	Density <sup>5</sup> Sept. 2010
	Avg.	Avg.	Avg.	Avg.	Avg.				
151 Fahrenheit 90	4.8	4.8	4.9	4.6	4.9	4.0	5.3	7.7	5.7
152 PST-109-996	4.8	4.9	4.5	4.7	5.0	6.7	7.7	8.0	5.7
153 PST-103-354	4.8	5.8	4.4	4.6	4.3	4.7	3.7	3.3	4.7
154 Showcase	4.8	4.1	4.4	5.0	5.5	4.7	6.3	8.0	6.7
155 A05-306	4.7	4.4	4.6	4.9	5.1	4.3	6.0	5.7	7.3
156 PST-109-285	4.7	5.2	3.9	4.6	5.3	4.0	5.7	6.0	6.7
157 Kingfisher	4.7	4.1	4.8	4.9	5.1	6.3	4.0	5.0	5.7
158 PST-1A2-1440	4.7	5.4	4.4	4.7	4.4	6.0	3.7	5.3	4.7
159 Alpine	4.7	5.5	4.2	4.8	4.4	2.7	4.0	3.7	5.7
160 Moon Beam	4.7	5.6	4.3	4.9	4.1	5.7	6.7	6.7	6.3
161 PST-103-265	4.7	4.9	5.1	4.4	4.4	5.0	5.7	6.0	5.3
162 A03-63	4.7	4.4	4.6	5.0	4.9	5.3	6.0	8.0	6.3
163 A03TB-411	4.7	4.9	4.3	4.8	4.8	5.0	6.0	7.3	6.7
164 PST-103-412	4.7	4.6	4.9	5.0	4.3	4.3	4.0	5.0	5.7
165 Cheetah	4.7	4.7	5.0	4.1	5.0	4.0	6.3	6.3	7.0
166 Mallard	4.7	5.0	4.7	5.1	4.1	5.0	3.3	5.7	4.0
167 A03TB-391	4.7	4.7	5.3	4.5	4.3	3.3	4.3	6.7	6.3
168 PST-102-145	4.7	4.7	4.7	5.2	4.1	5.7	3.7	3.0	6.7
169 A03TB-677	4.7	4.7	4.5	5.0	4.5	6.7	2.0	3.7	4.0
170 Ginney	4.7	5.3	4.5	5.0	3.9	2.3	3.0	3.0	5.7
171 RAD-457	4.7	5.1	4.4	4.5	4.6	3.0	4.0	4.7	5.7
172 Full Moon	4.7	4.3	4.7	4.8	4.8	4.0	4.7	6.3	6.7
173 PP 028401	4.7	4.9	4.0	4.4	5.3	6.3	9.0	8.7	9.0
174 Ulysses	4.6	4.4	4.3	4.5	5.3	5.3	6.3	8.0	7.3
175 A05-358	4.6	4.7	4.4	4.9	4.5	5.0	5.7	7.3	5.3

(Continued)

Table 2 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup>					Winter Color <sup>2</sup>		Wear <sup>3</sup>		Recovery <sup>4</sup>		Density <sup>5</sup>
	2007-2010 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	March 2010	Aug. 2010	Sept. 2010	Aug. 2010	Sept. 2010	2010	2010
176 A05-297	4.6	5.4	4.1	4.9	4.0	4.3	4.7	5.7	4.7	5.7	4.7	4.7
177 PST-102-158	4.6	4.5	4.7	4.7	4.4	5.7	4.7	4.7	3.3	4.7	5.7	5.7
178 Monte Carlo	4.6	4.9	4.7	4.6	4.2	5.0	4.0	6.3	4.0	6.3	4.0	4.0
179 IS-KB 6456890	4.6	4.4	5.0	4.4	4.6	4.7	5.7	5.0	5.7	5.0	6.0	6.0
180 PST-102-360	4.6	4.6	4.6	4.5	4.6	5.0	3.3	4.0	3.3	4.0	6.3	6.3
181 PP 028412	4.6	4.5	4.4	4.4	5.0	5.0	6.0	6.7	6.0	6.7	8.3	8.3
182 A00-2442-1	4.6	4.4	5.0	4.3	4.6	4.3	4.7	5.3	4.7	5.3	4.7	4.7
183 A03TB-423	4.6	4.6	4.9	4.2	4.6	5.7	5.0	6.7	5.0	6.7	5.7	5.7
184 A97-1799	4.5	4.3	3.9	4.7	5.2	5.0	5.7	5.7	5.7	5.7	6.7	6.7
185 Orfeo	4.5	4.1	4.5	4.5	5.0	3.7	6.0	7.7	6.0	7.7	5.0	5.0
186 RAD-458	4.5	5.2	4.2	4.5	4.2	4.7	1.7	2.7	1.7	2.7	4.0	4.0
187 A05-204	4.5	4.3	4.2	5.0	4.4	5.7	4.0	5.3	4.0	5.3	5.0	5.0
188 SR 2100	4.5	4.4	4.9	4.5	4.2	4.3	3.7	4.3	3.7	4.3	5.7	5.7
189 A98-689	4.5	4.4	4.1	4.3	5.1	3.3	6.0	6.3	6.0	6.3	7.3	7.3
190 PST-104-208	4.5	4.9	4.8	4.4	3.7	4.7	4.0	6.3	4.0	6.3	5.7	5.7
191 Eagleton	4.5	4.4	4.9	4.4	4.0	4.3	3.0	4.0	3.0	4.0	5.0	5.0
192 A05-323	4.5	4.4	4.0	4.5	4.8	4.3	5.7	6.7	5.7	6.7	6.0	6.0
193 A04TB-275	4.5	4.6	4.3	4.7	4.2	6.0	2.7	5.3	2.7	5.3	4.7	4.7
194 SPTR 2959	4.5	4.1	4.6	4.5	4.6	4.7	3.7	3.7	3.7	3.7	5.7	5.7
195 Aviator	4.4	4.2	4.8	4.3	4.5	4.3	4.7	6.0	4.7	6.0	6.0	6.0
196 Moonshine	4.4	4.0	3.9	5.0	4.8	5.7	3.7	5.3	3.7	5.3	6.3	6.3
197 PST-1G4-68	4.4	4.7	4.9	4.3	3.7	5.0	3.7	4.7	3.7	4.7	5.7	5.7
198 PST-101-92	4.4	5.3	4.6	3.9	3.7	2.7	3.3	5.7	3.3	5.7	6.3	6.3
199 Blue Ridge	4.4	4.2	5.1	4.5	3.8	5.3	4.7	6.0	4.7	6.0	6.0	6.0
200 Spitfire	4.4	4.0	4.2	4.7	4.7	4.7	5.0	6.0	4.7	5.0	6.7	6.7

(Continued)



Table 2 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----										Winter		Wear				
	2007-		2007		2008		2009		2010		Color <sup>2</sup>	March	Wear <sup>3</sup>	Aug.	Recovery <sup>4</sup>	Sept.	Density <sup>5</sup>
	Avg.	2010	Avg.	2007	Avg.	2008	Avg.	2009	Avg.	2010	March	2010	Aug.	2010	Sept.	2010	Sept.
201 H94-305	4.4	4.1	4.8	4.2	4.3	4.7	4.7	4.3	3.1	4.3	4.3	6.3	8.0	5.7	8.0	5.7	8.0
202 Deepblue	4.4	3.9	4.5	4.6	4.4	4.7	4.7	4.4	4.4	4.3	4.3	5.0	6.0	5.3	6.0	5.3	6.0
203 Guinnes	4.3	4.2	3.7	4.7	4.7	4.7	4.7	4.7	4.7	5.0	5.0	5.3	4.7	6.0	4.7	6.0	6.0
204 RAD-475	4.3	4.3	4.5	4.1	4.3	4.5	4.1	4.3	4.3	5.0	5.0	5.0	5.7	4.7	5.7	4.7	4.7
205 Northside	4.3	4.4	4.3	4.0	4.6	4.3	4.0	4.6	4.6	5.7	5.7	4.3	6.3	8.0	6.3	8.0	8.0
206 Bandera	4.3	4.9	4.3	4.7	3.1	4.3	4.7	4.7	3.1	1.7	1.7	3.3	4.7	4.7	4.7	4.7	4.7
207 A05-329	4.3	3.6	4.4	4.7	4.4	4.4	4.7	4.7	4.4	5.3	5.3	5.3	6.7	5.3	6.7	5.3	5.3
208 Hunnington	4.2	4.7	4.4	4.0	3.9	4.4	4.0	4.0	3.9	5.3	5.3	2.7	4.7	5.0	4.7	5.0	5.0
209 RAD-474	4.2	4.1	4.7	4.1	4.0	4.7	4.1	4.1	4.0	3.3	3.3	4.3	5.0	5.3	5.0	5.3	5.3
210 A05-350	4.2	4.1	4.3	4.3	4.0	4.3	4.3	4.3	4.0	6.0	6.0	4.0	6.3	4.7	4.0	6.3	4.7
211 PST-103-651	4.2	4.7	4.7	3.9	3.5	4.7	3.9	3.9	3.5	2.3	2.3	4.0	5.0	7.0	4.0	5.0	7.0
212 RAD-614	4.2	4.2	4.6	4.1	3.8	4.6	4.1	4.1	3.8	4.7	4.7	3.0	6.0	4.0	3.0	6.0	4.0
213 W185-06	4.1	4.0	4.3	4.1	3.9	4.3	4.1	4.1	3.9	3.7	3.7	4.3	5.7	4.3	4.3	5.7	4.3
214 H01-844	4.1	3.8	4.7	3.9	3.7	4.7	3.9	3.9	3.7	6.3	6.3	3.3	6.3	4.7	3.3	6.3	4.7
215 PST-1A3-472	4.0	4.1	4.3	3.8	4.0	4.3	3.8	3.8	4.0	3.3	3.3	4.0	4.0	4.0	4.0	4.0	4.0
216 A03TB	3.9	2.3	4.6	4.3	4.4	4.6	4.3	4.3	4.4	5.3	5.3	4.7	7.3	5.0	4.7	7.3	5.0
217 PST-1G4-52	3.8	3.5	4.4	3.6	3.7	4.4	3.6	3.6	3.7	4.7	4.7	3.0	4.3	4.0	3.0	4.3	4.0
218 PST-102-965	3.6	3.9	4.1	3.0	3.4	4.1	3.0	3.0	3.4	3.0	3.0	3.3	4.3	4.7	3.3	4.3	4.7
219 Corsair	3.6	3.8	4.5	3.3	2.8	4.5	3.3	3.3	2.8	4.3	4.3	3.7	5.3	1.7	3.7	5.3	1.7
LSD at 5% =	0.8	0.8	1.1	0.7	0.9	1.5	0.7	0.9	0.9	1.5	1.5	2.1	2.4	1.8	2.1	2.4	1.8

<sup>1</sup>9 = best turf quality  
<sup>2</sup>9 = darkest green winter color  
<sup>3</sup>9 = least wear damage  
<sup>4</sup>9 = best recovery from wear stress  
<sup>5</sup>9 = highest density

Table 3. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2006 at North Brunswick, NJ.

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2007-2010 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
1 Mystere	5.9	5.5	6.6	6.0	5.7	3.3	6.0
2 3606-8	5.8	6.3	5.7	5.7	5.5	4.0	6.7
3 A03-3590-6	5.8	6.0	6.1	5.3	5.8	4.0	7.3
4 A06-46	5.7	6.1	5.9	5.5	5.5	5.3	6.3
5 Bewitched	5.7	5.8	5.6	6.4	5.1	3.7	6.7
6 A03-1	5.7	5.1	6.1	6.0	5.6	3.3	6.7
7 Midnight	5.7	5.6	6.2	6.2	4.8	3.3	6.0
8 Blue Note	5.7	5.5	6.1	5.5	5.5	4.7	4.7
9 A04-383	5.6	4.9	6.5	6.0	5.0	5.3	7.3
10 A05-322	5.6	5.8	6.1	5.3	5.2	4.0	6.7
11 A04-46	5.6	4.5	5.9	6.0	5.8	4.0	6.7
12 A98-363	5.5	5.8	5.9	5.7	4.7	4.7	6.3
13 A04-1569	5.5	5.1	6.0	5.9	4.9	2.3	7.0
14 A05-328	5.5	5.5	5.7	5.9	4.9	5.7	6.3
15 H01-700	5.5	5.2	5.7	5.7	5.3	4.3	7.3
16 A01-1789	5.4	5.1	5.8	5.5	5.5	3.7	6.3
17 A05-336	5.4	5.8	5.4	5.5	5.0	6.0	6.3
18 A05-373	5.4	6.0	5.7	5.0	5.1	6.7	6.3
19 A03TB-422	5.4	4.5	6.0	5.9	5.3	6.0	7.0
20 A99-2377	5.4	4.9	5.3	5.8	5.7	5.3	7.7
21 A00-3030	5.4	4.9	6.1	5.4	5.3	4.3	5.7
22 A99-523	5.4	5.6	5.8	5.2	4.9	3.7	6.0
23 A05-295	5.4	6.1	5.7	5.0	4.9	4.3	6.0
24 Ginney	5.4	5.2	5.6	5.7	5.0	2.7	6.0
25 A98-3322	5.4	5.0	6.1	5.2	5.1	6.0	6.0

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2007-2010 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
26 A05-335	5.3	5.2	5.6	5.5	5.0	5.0	6.7
27 A03TB-252	5.3	4.6	5.9	5.3	5.5	5.3	7.7
28 H94-305	5.3	4.4	5.9	5.8	5.3	6.0	5.0
29 Diva	5.3	5.8	5.8	5.2	4.7	5.3	6.7
30 A06-9	5.3	6.2	6.1	4.9	3.9	4.3	6.3
31 A06-84	5.3	5.8	5.7	5.3	4.4	4.3	6.3
32 Mystique	5.3	5.9	5.4	5.2	4.8	5.3	7.0
33 A03-69	5.3	4.8	6.2	5.7	4.4	7.3	4.0
34 A05-339	5.3	5.2	5.8	5.3	4.9	5.0	6.0
35 A01-1106	5.3	6.4	5.0	4.9	4.8	5.7	7.0
36 A04-1568	5.2	5.2	5.9	4.5	5.4	3.0	7.7
37 A96-1338	5.2	5.4	5.4	4.9	5.1	4.3	5.0
38 A03-3597-1	5.2	5.1	5.9	5.2	4.8	3.3	5.7
39 Hunnington	5.2	6.2	5.8	4.8	4.1	5.3	6.7
40 A04-69	5.2	4.8	5.9	5.1	5.1	3.0	6.3
41 A05-334	5.2	5.3	5.2	5.4	4.7	5.3	7.0
42 A06-28	5.2	5.2	4.9	5.7	4.9	5.0	6.0
43 A05-324	5.2	5.6	5.2	5.0	4.7	5.3	6.7
44 A04TB-275	5.2	4.4	5.6	5.1	5.5	6.7	6.0
45 A04-1529	5.1	4.7	5.6	5.1	5.1	2.7	8.0
46 A93-478	5.1	5.0	5.4	4.8	5.1	4.3	7.0
47 A04-66	5.1	5.3	5.7	5.4	3.9	3.3	5.3
48 Fahrenheit 90	5.1	4.5	5.7	4.9	5.1	3.7	7.3
49 A05-336	5.1	5.2	5.6	4.7	4.9	4.0	5.3
50 A05-331	5.1	5.8	5.2	5.2	4.3	7.0	6.7

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2007-2010 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
51 A06-5	5.0	5.1	5.7	4.9	4.5	5.0	6.3
52 A06-10	5.0	5.6	5.4	4.6	4.5	5.3	5.7
53 A99-2377	5.0	5.2	4.7	5.5	4.9	5.3	6.7
54 A04-1473	5.0	4.3	4.9	5.4	5.5	3.3	8.3
55 A05-316	5.0	5.2	5.8	4.5	4.5	4.7	6.3
56 A05-359	5.0	4.0	5.8	5.0	5.1	3.7	6.0
57 A99-2758	5.0	5.0	5.7	5.2	4.1	3.7	6.0
58 A06-47	5.0	4.7	6.3	4.9	4.1	4.7	4.3
59 A99-2026	5.0	4.9	5.7	4.4	4.9	3.7	6.7
60 A05-333	5.0	5.3	4.9	5.1	4.6	5.7	6.3
61 A00-3037	4.9	4.9	5.8	4.8	4.4	5.3	4.7
62 A05-347	4.9	6.0	4.6	4.8	4.3	4.7	6.7
63 A06-27	4.9	5.3	5.2	4.7	4.4	4.0	7.0
64 H01-844	4.9	5.3	5.7	4.8	3.8	5.7	5.7
65 A04-1368	4.9	5.3	5.5	4.5	4.3	2.3	7.0
66 A05-314	4.9	5.2	5.2	5.2	4.1	4.7	6.0
67 A04-1321	4.9	4.8	5.9	4.1	4.8	2.7	7.3
68 P-105	4.9	4.6	5.4	4.6	4.9	2.7	6.3
69 A99-2123	4.8	4.6	5.2	5.0	4.5	5.0	6.0
70 A05-367	4.8	3.9	4.9	5.3	5.3	3.7	7.0
71 A98-3369	4.8	5.3	5.9	3.9	4.0	3.7	6.3
72 A04-1381	4.8	4.8	5.5	4.6	4.2	3.0	8.0
73 A04-68	4.8	5.3	5.3	4.9	3.7	3.3	4.7
74 A94MH-94	4.8	4.3	5.7	4.4	4.8	3.3	7.0
75 A03TB-676	4.8	5.3	5.5	4.4	3.9	3.7	7.3

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2007-2010 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
76 A06-36	4.7	4.4	5.3	4.6	4.7	5.7	7.3
77 A06-38	4.7	4.1	5.2	4.5	5.3	4.0	6.3
78 A06-42	4.7	4.9	5.1	4.5	4.3	6.0	6.3
79 A99-2031	4.7	5.3	4.9	4.3	4.1	4.3	6.3
80 A95-1048	4.7	4.6	5.0	4.6	4.6	5.7	6.0
81 Eagleton	4.7	5.3	5.0	4.3	4.2	4.0	6.3
82 A06-7	4.7	4.8	5.3	4.5	4.0	4.3	5.0
83 A06-35	4.7	5.3	5.3	4.6	3.5	3.3	5.7
84 A06-29	4.6	4.8	4.3	4.7	4.7	4.7	6.0
85 A06-30	4.6	4.6	5.3	4.6	4.0	3.0	6.0
86 A06-2	4.6	5.3	4.4	4.4	4.3	3.7	6.0
87 A06-33	4.6	5.4	4.2	4.7	4.1	4.3	6.3
88 A05-362	4.6	5.4	5.1	3.8	4.1	3.3	6.7
89 A00-2621	4.6	4.7	5.2	4.3	3.9	5.3	4.0
90 A04-1268	4.5	4.3	4.7	4.6	4.4	3.3	7.0
91 A03TB-567	4.5	4.3	5.2	4.3	4.3	3.0	6.0
92 Guinness	4.5	3.9	5.4	4.3	4.2	5.3	6.0
93 A99-3239	4.5	4.3	5.7	4.0	3.9	4.3	6.3
94 A05-323	4.5	4.8	4.9	4.5	3.7	4.7	6.3
95 A06-11	4.4	4.2	4.6	4.6	4.3	5.3	5.7
96 H97-297	4.4	4.2	4.8	4.6	4.1	6.0	7.7
97 A05-310	4.4	4.4	5.7	3.8	3.7	5.0	6.3
98 A05-297	4.4	5.0	4.3	4.6	3.8	4.0	6.0
99 A03TB-677	4.4	4.5	5.4	4.5	3.6	4.0	7.0
100 A03TB-246	4.4	3.9	4.6	4.5	4.7	3.3	6.7

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Winter	Leaf
	2007- 2010 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	Color <sup>2</sup> March 2010	Spot <sup>3</sup> April 2010
101 A06-40	4.4	4.8	4.9	4.0	3.9	4.3	6.7
102 A06-20	4.4	4.9	4.0	4.3	4.3	4.3	7.0
103 A06-3	4.3	4.8	4.7	4.1	3.7	4.3	7.0
104 A06-13	4.3	5.2	4.7	4.3	3.3	4.3	6.0
105 A04-391	4.3	4.5	4.2	4.1	4.4	5.7	6.7
106 A06-26	4.3	5.7	4.4	3.7	3.3	3.7	6.3
107 A98-3366	4.3	4.0	5.2	3.8	4.1	4.3	6.7
108 A04TB-281	4.3	4.2	5.3	3.4	4.4	4.0	7.0
109 A06-24	4.3	5.4	3.8	4.3	3.5	3.3	6.3
110 A06-25	4.3	5.1	4.5	4.0	3.4	4.7	6.7
111 A06-16	4.2	4.8	4.3	4.1	3.8	4.7	6.0
112 A04-1377	4.2	4.7	5.2	3.6	3.4	4.0	6.7
113 A06-37	4.2	4.8	4.3	3.8	3.9	6.7	5.3
114 A06-44	4.2	4.6	4.8	3.9	3.6	4.3	6.3
115 A03TB-423	4.2	3.8	4.8	4.0	4.3	6.0	7.0
116 A03-37	4.2	4.0	4.9	4.0	3.7	4.0	5.0
117 A04TB-7	4.2	2.9	4.6	4.8	4.3	5.3	6.7
118 A06-18	4.1	4.6	4.5	3.8	3.7	5.3	7.0
119 A04-394	4.1	4.4	4.2	4.1	3.8	5.3	6.3
120 A97-1799	4.1	4.8	5.0	3.2	3.4	4.0	5.7
121 A06-4	4.1	5.0	4.1	4.1	3.3	4.7	6.3
122 A06-8	4.1	4.6	4.1	4.1	3.6	5.7	6.3
123 A06-15	4.1	4.5	4.2	4.3	3.2	5.0	6.3
124 A06-19	4.0	5.2	4.3	3.5	3.1	4.3	6.0
125 A06-41	4.0	4.2	4.6	3.5	3.9	3.0	6.7

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2007-2010 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
126 A06-23	4.0	4.5	4.4	3.8	3.3	4.7	6.0
127 A00-2486	4.0	4.0	4.6	3.7	3.7	5.7	5.3
128 A06-22	4.0	3.7	4.4	4.5	3.3	4.3	6.0
129 A06-34	3.9	4.2	4.4	3.5	3.5	3.3	5.3
130 H01-938	3.9	4.6	4.3	3.4	3.5	4.0	6.0
131 A03TB-391	3.9	3.1	4.4	4.7	3.5	4.3	7.0
132 A03TB-416	3.9	3.1	4.7	4.0	3.9	3.3	6.7
133 A04-71	3.9	4.4	4.1	3.5	3.4	3.0	5.7
134 A03TB-795	3.9	4.2	3.9	3.7	3.7	4.3	7.0
135 A04-1272	3.8	3.6	4.6	3.5	3.7	3.0	6.7
136 A04-37	3.8	4.2	4.6	3.3	3.3	4.0	6.0
137 A06-12	3.8	4.7	3.4	3.9	3.1	4.3	6.0
138 A06-45	3.8	4.0	4.7	3.4	3.1	4.0	6.0
139 A06-32	3.8	5.1	3.8	3.0	3.1	4.0	6.3
140 A05-306	3.8	4.3	4.7	3.0	3.1	3.7	5.7
141 A06-39	3.7	3.7	4.2	3.3	3.9	3.3	6.0
142 A04-1286	3.7	4.7	4.4	2.8	2.9	2.0	5.7
143 A05-313	3.6	3.5	4.0	3.7	3.3	3.3	5.7
144 A06-17	3.6	3.7	4.0	3.2	3.5	4.0	6.0
145 A06-43	3.5	2.8	3.8	3.8	3.7	4.7	6.3
146 A06-14	3.5	4.5	3.6	2.8	3.0	4.0	5.7
147 A06-21	3.5	4.3	3.4	3.3	3.0	4.3	6.0
148 A06-1	3.4	4.1	3.5	3.4	2.9	4.3	6.7
149 A05-329	3.4	3.8	3.3	3.4	3.1	3.3	6.0
150 A03TB-718	3.2	3.2	3.6	2.7	3.3	4.0	6.3

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2007-2010 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
151 A03TB-411	3.2	4.5	3.5	2.4	2.4	3.0	5.7
152 A03TB-500	3.2	2.8	3.6	2.8	3.5	4.3	6.3
153 A05-204	3.2	4.1	2.9	2.7	3.1	3.3	6.7
154 A03TB-559	3.1	3.5	3.3	2.5	3.3	3.3	5.3
155 A06-6	3.1	4.4	3.1	2.5	2.5	3.7	6.0
156 A04TB-334	3.0	3.2	2.8	2.8	3.1	3.7	6.7
157 A06-31	2.8	4.1	2.6	2.5	2.1	2.7	5.3
158 A04-1373	2.8	3.9	2.6	2.4	2.3	3.3	5.7
159 A04TB-267	2.7	1.8	2.8	2.8	3.3	4.0	5.0
160 A04TB-157	2.4	1.5	2.9	2.7	2.7	3.0	6.0
LSD at 5% =							
	0.7	0.9	1.0	1.0	1.1	1.2	1.3

<sup>1</sup>9 = best turf quality  
<sup>2</sup>9 = darkest green winter color  
<sup>3</sup>9 = least disease



Table 4. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2007 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
1 A03-3590-6	6.3	6.3	6.4	6.3	4.3	7.3
2 A00-1400	6.1	6.4	6.2	5.6	4.0	6.7
3 Aura	5.9	6.0	6.0	5.8	6.7	7.0
4 A03-3606-8	5.9	6.1	6.1	5.6	4.7	6.3
5 A03-3	5.9	6.2	5.9	5.6	7.0	5.3
6 A03-3597-1	5.9	6.0	6.1	5.6	4.0	6.3
7 PST-K7-40	5.9	6.1	5.8	5.7	4.0	7.0
8 A04-68	5.8	6.0	5.9	5.6	6.0	6.7
9 109-752	5.8	6.1	5.8	5.3	6.3	6.0
10 Moonshadow	5.8	5.5	6.0	5.8	4.3	7.0
11 OAN-614	5.7	5.6	5.8	5.6	6.0	7.3
12 A05-321	5.7	5.5	5.8	5.7	4.7	6.7
13 A96-1338	5.6	5.5	5.7	5.6	5.7	6.7
14 AKB 449	5.6	5.9	5.9	5.1	4.7	6.3
15 95-2404	5.6	6.2	5.6	5.0	2.7	5.3
16 A05-295	5.6	5.7	5.7	5.4	6.3	6.3
17 Mystere	5.6	6.0	5.5	5.3	6.7	6.3
18 Midnight II	5.6	5.7	5.8	5.3	3.0	5.7
19 RAD-631	5.6	5.8	5.7	5.3	5.3	6.3
20 A98-708	5.6	6.3	5.7	4.7	4.7	7.0
21 A97-1686	5.6	5.8	5.5	5.3	3.3	5.7
22 A99-2897	5.5	5.3	5.7	5.6	6.0	7.3
23 A04-66	5.5	5.4	5.8	5.4	6.0	7.3
24 A99-2758	5.5	5.6	5.8	5.2	4.3	6.3
25 A03TB-965	5.5	5.3	5.4	5.7	3.7	6.7
26 A05-366	5.5	5.5	5.4	5.5	4.3	6.3
27 A07-5	5.5	5.7	5.1	5.6	4.7	6.7
28 A05-361	5.5	5.2	5.7	5.4	5.7	7.3
29 A99-2123	5.5	5.7	5.5	5.2	4.7	6.7
30 A00-1193	5.5	5.6	5.3	5.5	3.3	6.7
31 P-105	5.5	5.7	5.3	5.3	3.7	6.3
32 A04-71	5.5	5.5	5.6	5.2	4.3	7.0
33 A05-351	5.5	5.3	5.5	5.6	4.3	6.0
34 STR 2324	5.4	5.5	5.3	5.5	4.7	7.3
35 A04-69	5.4	5.6	5.4	5.3	6.7	5.0

(Continued)

Table 4 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
36 Beyond	5.4	6.0	5.4	4.9	2.7	5.3
37 PST-K7-39	5.4	5.2	6.0	5.1	5.0	6.3
38 PST-K4-7	5.4	5.0	5.7	5.5	4.3	6.7
39 A03-7	5.4	5.2	5.2	5.8	5.5	7.0
40 Odyssey	5.4	5.7	5.3	5.1	2.7	5.3
41 A05-364	5.4	6.0	5.5	4.6	5.0	5.7
42 Arcadia	5.4	5.9	5.5	4.7	3.0	5.7
43 PST-T7-4	5.3	5.6	5.5	4.9	2.0	6.3
44 A06-84	5.3	6.2	5.2	4.6	6.3	5.3
45 A00-4019	5.3	5.6	5.1	5.3	2.0	5.7
46 Tsunami	5.3	5.6	5.6	4.7	3.0	5.7
47 PST-K4-9	5.3	6.2	5.8	3.9	5.0	7.3
48 A05-314	5.3	5.3	5.5	5.1	6.3	7.3
49 Prosperity	5.3	5.1	5.3	5.5	1.7	6.0
50 Rhapsody	5.3	5.1	5.4	5.4	6.0	7.3
51 A01-583	5.3	5.5	5.3	5.0	6.0	7.0
52 A96-363	5.3	5.5	5.1	5.2	5.0	7.7
53 RAD-507	5.3	5.5	5.2	5.1	3.0	7.3
54 RAD-343	5.3	5.5	5.0	5.2	6.0	6.0
55 A04-1489	5.2	6.1	5.0	4.6	3.3	6.7
56 A00-3037	5.2	5.5	5.1	5.1	5.3	5.7
57 PST-K7-37	5.2	5.5	5.5	4.7	5.3	7.0
58 A04TB-338	5.2	5.7	5.4	4.7	4.0	6.7
59 95-2024	5.2	5.4	5.6	4.7	4.0	5.7
60 A04TB-258	5.2	5.0	5.4	5.3	6.0	5.7
61 BDG-7-762	5.2	5.3	5.2	5.2	5.7	6.3
62 Rhythm	5.2	5.5	5.3	4.9	3.0	5.3
63 A04-1470	5.2	5.7	5.0	4.9	3.0	6.3
64 PST-K4-8	5.2	5.5	5.7	4.4	4.0	5.7
65 Moonlight SLT	5.2	5.3	5.5	4.8	4.7	7.0
66 Yankee	5.2	5.6	5.0	5.0	3.7	6.0
67 A05-347	5.2	5.2	5.1	5.3	5.0	6.7
68 Jump Start	5.2	5.4	5.2	5.0	6.0	7.3
69 04KYBGOT-14	5.2	5.0	5.3	5.2	7.0	6.3
70 Ginney	5.2	5.7	5.3	4.6	3.7	6.0

(Continued)

Table 4 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
71 Dynamo	5.2	4.8	5.3	5.4	3.3	6.0
72 A06-23	5.2	5.5	5.0	5.0	4.0	7.0
73 Award	5.2	5.3	5.6	4.6	2.3	5.3
74 A04-1375	5.1	5.9	5.2	4.3	2.7	6.7
75 Rambo	5.1	5.5	5.3	4.6	3.7	6.3
76 PST-T7-7	5.1	5.6	4.9	5.0	2.0	6.3
77 Emblem	5.1	5.4	5.6	4.5	3.7	6.3
78 Quantum Leap	5.1	5.3	5.3	4.9	2.3	5.0
79 A07-3	5.1	5.1	5.4	4.9	6.3	7.0
80 Alpine	5.1	4.7	5.4	5.2	3.3	6.0
81 Nuglade	5.1	5.7	5.5	4.2	3.0	6.0
82 Everest	5.1	5.4	5.3	4.7	3.0	5.7
83 Moonlight	5.1	4.9	5.1	5.4	5.0	7.3
84 Argos	5.1	4.9	5.0	5.5	5.3	7.0
85 A94MH-94	5.1	5.3	4.6	5.4	6.0	8.3
86 PST-103-87	5.1	5.3	5.7	4.3	4.7	6.0
87 A05-316	5.1	5.3	5.2	4.7	4.7	6.7
88 STR 2485	5.1	5.1	5.0	5.2	6.0	6.7
89 Diva	5.1	5.0	4.8	5.4	4.0	7.7
90 BDG-7-343	5.1	5.1	5.0	5.1	5.3	7.0
91 PST-K7-34	5.0	4.9	5.1	5.1	4.7	6.3
92 Longhorn	5.0	4.9	4.9	5.3	5.7	7.0
93 A05-325	5.0	4.7	5.1	5.3	4.0	7.0
94 98-15 White/Green	5.0	5.3	5.1	4.7	4.0	7.0
95 A04-1347	5.0	4.9	5.1	5.1	3.3	7.3
96 Avalanche	5.0	4.7	5.1	5.2	5.7	6.7
97 A03-51	5.0	5.7	5.1	4.2	4.3	5.3
98 A99-447	5.0	5.0	5.0	4.9	4.7	6.7
99 A04TB-275	5.0	5.1	5.3	4.6	6.7	5.0
100 H04-CTBT-295	5.0	5.1	4.6	5.2	3.7	7.0
101 Pick 366	5.0	5.2	5.2	4.5	5.0	8.0
102 A04-1474	5.0	5.5	4.9	4.5	3.3	6.7
103 H02-647	5.0	5.0	5.1	4.8	2.0	6.7
104 RAD-630	5.0	5.1	5.1	4.7	6.0	6.3
105 SR 2100	5.0	5.3	4.7	4.8	4.0	7.0

(Continued)

Table 4 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
		2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
106	A04-1342	4.9	5.0	5.1	4.7	3.7	7.0
107	H02-608	4.9	5.3	5.2	4.3	2.0	5.7
108	A05-322	4.9	4.7	4.9	5.2	4.0	6.7
109	Julia	4.9	5.4	4.9	4.4	5.0	7.0
110	A05-201	4.9	4.8	5.0	4.9	5.0	6.0
111	A03-37	4.9	5.1	4.9	4.8	7.3	6.7
112	Liberator	4.9	5.0	5.5	4.2	3.0	5.3
113	A05-345	4.9	4.7	5.1	4.9	6.3	7.7
114	PST-K7-22	4.9	5.4	5.0	4.3	4.0	6.7
115	Touche	4.9	4.9	4.9	4.8	6.0	6.3
116	A04-1381	4.9	5.4	4.9	4.4	2.0	7.0
117	Chicago II	4.9	4.8	5.5	4.4	4.0	6.7
118	BDG-7-474	4.9	5.3	5.5	3.9	3.7	4.0
119	A04-1557	4.9	4.9	4.7	5.0	3.3	7.0
120	Brilliant	4.9	5.0	4.8	4.8	4.0	7.0
121	NA-3248	4.9	4.5	5.0	5.2	6.0	6.0
122	SR 2109	4.9	5.0	4.6	5.0	4.3	6.7
123	A02-1429	4.9	5.4	4.5	4.7	3.0	7.0
124	A04-1415	4.9	5.1	4.9	4.6	5.3	5.7
125	A04-1272	4.9	5.4	5.0	4.2	4.3	6.3
126	A98-3366	4.9	5.0	5.2	4.4	5.0	6.3
127	A04-1488	4.9	5.3	4.5	4.8	2.7	7.0
128	Rush	4.8	5.1	5.3	4.2	5.7	6.3
129	PST-103-412	4.8	5.3	4.9	4.3	4.3	6.3
130	PST-1G4-68	4.8	5.2	4.8	4.6	6.3	7.0
131	A01-245	4.8	5.1	4.6	4.8	4.0	6.7
132	PST-K4-3	4.8	4.7	5.3	4.5	3.7	6.0
133	A05-297	4.8	4.7	5.0	4.8	3.7	5.7
134	A05TB-275	4.8	4.9	4.7	4.8	6.3	5.7
135	A99-2717	4.8	4.9	4.6	5.0	4.3	7.0
136	RAD-510	4.8	5.1	5.2	4.1	3.3	6.7
137	A04-1268	4.8	5.5	4.8	4.1	5.3	7.3
138	A99-2103	4.8	4.7	4.7	5.0	3.7	7.0
139	A04-1315	4.8	5.2	4.5	4.7	4.3	6.0
140	A98-3322	4.8	5.1	4.3	5.0	4.0	7.3

(Continued)

Table 4 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
		2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
141	A98-344	4.8	5.2	4.4	4.7	4.3	7.3
142	A05TB-386	4.7	4.5	5.1	4.6	5.0	7.3
143	A05-203	4.7	4.9	4.6	4.8	7.0	7.0
144	High Noon	4.7	5.1	5.1	4.0	6.0	7.0
145	PST-109-996	4.7	5.1	4.9	4.1	4.7	6.3
146	A98-948	4.7	4.6	4.8	4.8	5.0	6.7
147	A05-204	4.7	4.9	4.5	4.8	5.3	7.7
148	A00-891	4.7	4.7	4.7	4.7	4.3	6.3
149	Pick 711	4.7	4.8	4.7	4.6	4.3	7.0
150	A99-1799	4.7	4.7	4.7	4.8	5.0	6.7
151	A91-703	4.7	5.3	5.0	3.9	5.7	7.3
152	A06-36	4.7	5.0	4.6	4.5	3.3	6.3
153	A93-201	4.7	4.7	4.8	4.6	5.7	7.3
154	Mystique	4.7	4.6	4.7	4.7	3.7	6.0
155	Moon Beam	4.7	4.8	5.1	4.2	4.0	6.7
156	SPTR 2959	4.7	4.4	4.8	4.8	5.3	5.7
157	Moonshine	4.7	4.5	4.6	4.9	5.7	7.0
158	PST-K4-5	4.7	5.1	5.0	3.9	4.7	4.3
159	A05-323	4.7	4.6	4.7	4.7	4.0	7.0
160	Blue Sapphire	4.7	5.0	4.9	4.1	4.0	6.7
161	A05-333	4.6	4.5	4.7	4.7	3.3	6.3
162	H99-384	4.6	4.7	4.6	4.5	5.7	6.7
163	A06-596	4.6	5.1	4.6	4.3	4.0	5.7
164	RAD-513	4.6	4.6	4.7	4.6	4.3	6.3
165	H94-305	4.6	4.7	4.5	4.6	5.3	5.3
166	RSP	4.6	4.7	4.7	4.5	6.0	3.0
167	RAD-232	4.6	5.1	4.6	4.1	4.0	5.7
168	RAD-640	4.6	4.7	5.1	4.0	3.7	6.3
169	Ulysses	4.6	4.7	4.6	4.5	5.7	6.7
170	A03-8	4.6	4.3	4.9	4.6	5.7	3.3
171	RAD-502	4.6	5.2	4.3	4.3	4.7	6.7
172	Starburst	4.6	4.7	4.7	4.4	6.7	6.7
173	SR 2284	4.6	4.7	4.4	4.6	5.3	7.3
174	H01-844	4.6	4.7	4.7	4.4	6.0	5.0
175	PST-T7-8	4.6	4.7	4.6	4.4	3.7	5.7

(Continued)

Table 4 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2008- 2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
176 STR 2278	4.6	4.4	4.6	4.7	5.0	7.0
177 A05-847	4.6	5.0	4.8	3.9	6.0	4.7
178 A04-1417	4.6	5.0	4.3	4.3	3.0	6.3
179 PST-K7-31	4.5	4.9	4.5	4.2	3.7	6.7
180 STR 23078	4.5	4.8	4.7	4.1	4.0	7.3
181 A04-1569	4.5	4.8	4.4	4.4	3.3	7.0
182 A05-200	4.5	4.7	4.5	4.5	5.0	7.3
183 PST-K7-24	4.5	4.4	4.6	4.6	4.3	6.7
184 PST-T7-6	4.5	5.0	4.6	4.0	6.7	3.3
185 Wildhorse	4.5	4.4	4.6	4.6	4.7	6.7
186 A97-1328	4.5	4.5	4.6	4.4	6.3	6.3
187 A04-1547 HV-67	4.5	4.4	4.3	4.9	4.7	7.0
188 05KYBGOT-43	4.5	4.1	4.6	4.8	3.7	6.0
189 Blacksburg	4.5	4.7	4.3	4.5	3.7	6.0
190 A04TB-212	4.5	5.3	4.2	4.0	4.7	7.0
191 KH9739	4.5	4.3	4.2	4.9	3.3	6.7
192 RAD-339	4.5	4.8	4.4	4.3	6.3	4.3
193 Mallard	4.5	4.4	4.5	4.6	4.7	7.0
194 A03-TB-677	4.5	4.4	4.6	4.5	4.3	6.0
195 PST-K4-15	4.5	4.9	4.6	3.9	3.7	6.3
196 Futurity	4.5	4.7	4.4	4.3	4.0	6.3
197 PST-K7-30	4.5	3.8	4.7	5.0	4.7	6.3
198 04KYBGOT-1	4.5	4.7	4.3	4.4	5.0	6.7
199 PST-K7-32	4.5	4.7	4.7	4.0	4.0	6.3
200 A03-TB 775	4.5	5.3	4.6	3.5	3.7	6.0
201 STR 2451	4.5	4.6	4.3	4.5	4.0	6.7
202 A05-894	4.5	5.1	4.2	4.0	5.0	6.3
203 A03-25	4.5	4.3	4.4	4.7	5.7	4.0
204 H99-1626	4.4	4.5	4.4	4.4	5.7	5.7
205 A00-8	4.4	4.8	4.3	4.2	5.7	2.7
206 Everglade	4.4	4.2	5.0	4.1	2.7	6.0
207 Hunnington	4.4	4.7	4.0	4.6	4.3	5.3
208 K7-35	4.4	4.2	5.2	3.9	4.3	6.7
209 NuBlue	4.4	4.9	4.6	3.7	6.3	6.7
210 America	4.4	4.5	4.2	4.5	4.0	6.0

(Continued)

Table 4 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
211 Kingfisher	4.4	4.5	4.3	4.3	4.7	6.3
212 Guinness	4.4	4.1	4.7	4.3	5.3	6.0
213 PST-K7-23	4.4	4.5	4.3	4.3	4.3	5.7
214 A03-63	4.4	4.7	4.5	4.0	4.0	7.0
215 STR 23064	4.4	4.7	4.2	4.2	4.7	6.3
216 04KYBGOT-8	4.4	4.5	4.2	4.3	4.3	6.0
217 STR 235	4.4	4.1	4.3	4.7	4.0	6.0
218 PpH8510	4.3	4.8	4.3	3.9	3.3	6.0
219 Bandera	4.3	4.7	4.3	4.0	3.3	6.3
220 Cheetah	4.3	5.0	4.4	3.7	5.3	5.3
221 A04-1384	4.3	4.9	4.4	3.8	3.7	7.3
222 PST-T7-2	4.3	4.5	4.7	3.7	5.0	4.7
223 A04-1518	4.3	4.8	3.9	4.3	4.7	7.7
224 Rugby II	4.3	4.3	4.7	4.0	3.3	5.3
225 Rampart	4.3	4.3	4.2	4.5	4.0	7.0
226 98-3 Green	4.3	5.0	4.2	3.7	3.7	6.0
227 A07-7	4.3	5.1	4.3	3.5	4.3	6.3
228 A03-72	4.3	4.5	4.3	4.0	4.7	7.0
229 Impact	4.3	4.1	4.7	4.0	4.0	5.7
230 A00-TB 109	4.3	4.6	4.2	4.0	4.7	5.7
231 STR 2553	4.3	4.1	4.2	4.5	3.7	6.7
232 Full Moon	4.3	4.4	4.6	3.8	4.7	5.7
233 A03-71	4.3	4.3	4.3	4.1	3.3	6.7
234 Monte Carlo	4.2	4.2	4.1	4.4	4.7	6.7
235 Spitfire	4.2	4.4	4.7	3.7	4.7	6.7
236 PST-K4-4	4.2	4.5	4.9	3.2	4.7	6.7
237 PST-K4-10	4.2	4.5	4.0	4.1	3.3	6.0
238 PST-K4-18	4.2	4.3	4.2	4.2	3.3	6.0
239 A04-14	4.2	4.5	4.2	3.9	7.7	4.7
240 PST-K7-26	4.2	4.4	4.1	4.1	4.0	6.0
241 04KYBGOT-7	4.2	4.1	4.2	4.2	4.7	6.3
242 A04-13	4.2	3.9	4.1	4.4	5.0	5.7
243 A05-332	4.2	4.5	4.4	3.6	5.7	6.3
244 PST-K307	4.2	4.5	4.0	3.9	7.0	6.0
245 A06-636	4.1	4.4	4.2	3.8	2.7	6.3

(Continued)

Table 4 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
		2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
246	A04TB-192	4.1	4.5	4.1	3.7	6.7	6.7
247	PST-104-59	4.1	4.5	3.7	4.1	3.7	5.7
248	PST-K7-38	4.1	5.0	3.8	3.5	4.0	5.0
249	PST-T7-3	4.1	4.7	4.1	3.4	3.7	5.7
250	STR 2509	4.1	3.7	4.0	4.5	4.3	7.0
251	RAD-602	4.1	4.1	4.3	3.7	5.3	4.0
252	RAD-551	4.1	4.0	4.4	3.7	3.3	3.7
253	Blue Ridge	4.1	4.1	3.9	4.1	5.0	6.0
254	A04-15	4.0	4.2	3.9	4.0	7.7	3.7
255	A02-976	4.0	4.2	4.0	3.9	5.7	6.3
256	O4KYBGOT-9	4.0	3.8	4.1	4.2	3.7	6.3
257	Aviator	4.0	4.5	4.1	3.5	4.7	6.3
258	A03-29	4.0	3.9	4.1	4.2	6.3	3.3
259	PST-K7-41G	4.0	3.5	4.2	4.4	4.3	6.3
260	PST-K7-27	4.0	3.7	4.6	3.8	3.7	5.3
261	A99-3110	4.0	4.1	4.0	3.9	4.7	7.0
262	Orfeo	4.0	4.5	4.1	3.5	3.3	6.3
263	Touchdown	4.0	4.0	4.0	4.0	5.7	6.0
264	Royale	4.0	4.1	4.2	3.7	5.0	6.3
265	PST-106-692	4.0	3.7	4.1	4.1	5.3	6.3
266	A05-331	3.9	3.8	3.8	4.2	3.7	6.3
267	PST-103-651	3.9	3.8	4.4	3.6	2.3	5.3
268	Katie	3.9	3.9	4.0	3.8	5.0	6.7
269	PST-K7-36	3.9	3.6	4.1	3.9	4.3	5.3
270	Thorough-Blue	3.8	4.0	3.7	3.7	4.0	2.7
271	A05TB-382	3.8	3.9	3.5	4.0	5.7	7.0
272	Corsair	3.8	4.0	4.3	3.0	3.7	5.7
273	A03-TB-423	3.8	4.3	3.7	3.3	4.3	4.0
274	A03-TB 788	3.8	3.5	4.0	3.8	4.3	6.0
275	A05-350	3.8	3.5	4.0	3.8	5.0	6.3
276	BDG-7-614	3.7	3.7	3.8	3.8	4.0	7.7
277	A05-354	3.7	3.8	3.7	3.6	4.0	6.0
278	RAD-825	3.7	3.5	3.8	3.8	4.3	6.0
279	PST-K7-44D	3.7	3.7	3.6	3.8	4.7	6.7
280	T7-5	3.6	3.4	3.7	3.8	3.7	7.0

(Continued)



Table 4 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010
	2008- 2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.		
281 PST-K1011	3.6	3.7	3.9	3.4	6.0	6.3
282 RAD-614	3.6	3.9	3.5	3.6	5.0	7.3
283 Hawman	3.6	3.6	3.8	3.4	4.3	5.7
284 PST-K7-25	3.6	3.7	3.8	3.3	4.3	6.3
285 Alleycat	3.6	3.9	3.5	3.4	3.7	6.3
286 PST-102-234-BS	3.6	3.7	3.7	3.3	4.3	6.3
287 AKB254	3.6	3.1	3.6	4.1	5.3	7.0
288 PST-K7-29	3.6	3.5	3.5	3.8	3.0	5.7
289 PST-K7-28	3.6	2.9	4.4	3.4	4.0	6.7
290 PST-K7-43D	3.5	4.1	3.7	2.7	5.3	6.7
291 Cadet	3.4	3.6	3.3	3.4	4.7	6.0
292 PST-K4-6	3.1	3.4	3.6	2.5	3.3	5.7
293 PST-K7-19	3.1	2.1	3.8	3.4	4.3	6.0
294 RAD-902	3.1	2.2	3.6	3.5	4.0	6.3
295 A05-329	3.0	2.9	3.2	3.0	4.7	6.0
296 A03-411	2.2	2.1	2.3	2.4	4.0	4.0
297 STR 2332	1.7	1.0	1.6	2.6	3.3	6.0
LSD at 5% =	0.7	0.9	0.8	0.9	1.5	1.2

<sup>1</sup>9 = best turf quality<sup>2</sup>9 = darkest green winter color<sup>3</sup>9 = least disease

Table 5. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2007 at North Brunswick, NJ.

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010
	2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	
1 Prosperity	6.3	6.8	5.9	6.0	5.3
2 A05-321	6.0	6.4	5.7	5.9	3.3
3 95-2404	5.9	6.2	5.8	5.8	2.7
4 A94MH-94	5.8	5.7	5.3	6.4	3.0
5 A04TB-258	5.8	6.0	5.4	5.9	4.7
6 A04-383	5.7	5.9	5.3	6.0	6.3
7 PST-109-996	5.7	6.2	5.3	5.8	4.7
8 A04-69	5.7	6.0	5.5	5.6	4.0
9 A04-383	5.7	5.8	5.1	6.1	5.7
10 Brilliant	5.7	5.5	5.5	5.9	5.3
11 H98-767	5.6	5.7	5.3	5.7	6.0
12 Liberator	5.6	6.3	5.4	5.1	3.0
13 A96-1338	5.6	6.0	5.2	5.6	4.7
14 Midnight II	5.6	6.1	5.3	5.3	2.7
15 Hunnington	5.5	5.6	5.4	5.6	5.3
16 Jump Start	5.5	5.7	5.2	5.6	4.0
17 Rambo	5.5	5.8	5.5	5.2	4.0
18 Longhorn	5.5	5.8	5.2	5.6	5.7
19 Beyond	5.5	5.8	5.2	5.5	2.7
20 Mystere	5.5	5.4	5.1	6.0	4.3
21 A96-363	5.4	5.4	5.2	5.7	4.3
22 A05-314	5.4	5.6	5.3	5.4	7.0
23 A00-3037	5.4	6.4	4.7	5.2	5.3
24 A04-1271	5.4	5.9	4.9	5.3	4.7
25 Diva	5.4	5.6	5.4	5.1	4.3
26 Ginney	5.4	5.8	5.1	5.2	2.3
27 A06-84	5.4	6.0	5.0	5.0	4.3
28 A03-8	5.3	5.9	5.0	5.1	7.0
29 A00-1395	5.3	5.6	5.0	5.3	4.7
30 A01-583	5.3	5.9	5.0	5.2	6.7
31 A04-1381	5.3	6.0	5.0	5.1	2.0
32 Nuglade	5.3	6.1	4.8	5.1	2.3
33 Impact	5.3	5.7	5.0	5.3	2.3
34 Everest	5.3	6.3	4.5	5.2	2.7
35 A05-322	5.3	5.8	5.3	4.8	5.7

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010
	2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	
36 A04-387	5.3	5.3	5.1	5.6	3.0
37 A04-1368	5.3	5.8	4.9	5.2	2.0
38 A03-6	5.3	5.9	5.3	4.6	6.0
39 A04-1557	5.3	5.8	4.8	5.2	2.0
40 A03-25	5.3	6.1	4.9	4.7	6.7
41 A06-42	5.3	5.9	4.8	5.1	5.3
42 A03-5	5.2	5.8	5.2	4.7	7.3
43 A00-8	5.2	6.1	4.9	4.7	6.0
44 Award	5.2	5.6	5.0	5.1	2.3
45 A99-2103	5.2	5.5	5.0	5.0	3.7
46 A04TB-275	5.2	5.3	5.1	5.1	7.0
47 H07-3	5.2	5.3	4.8	5.4	5.7
48 H02-607	5.2	5.6	5.1	4.9	4.0
49 A05-333	5.2	5.7	4.8	5.0	5.0
50 A05-325	5.2	5.6	5.2	4.7	4.3
51 A99-2123	5.2	5.6	5.0	5.0	4.0
52 A04-67	5.1	5.4	5.0	4.9	4.0
53 Everglade	5.1	5.6	4.7	5.1	5.0
54 95-2024	5.1	5.1	5.5	4.8	2.3
55 Mystique	5.1	5.1	4.9	5.3	5.3
56 A04-1569	5.1	5.7	4.6	5.0	2.0
57 H03-510	5.1	5.2	5.0	5.2	6.3
58 A04-13	5.1	4.4	5.2	5.7	5.7
59 A05-361	5.1	6.0	4.9	4.3	3.3
60 Odyssey	5.1	5.7	5.0	4.6	3.3
61 A03-28	5.1	4.9	4.9	5.4	5.0
62 Chicago II	5.1	5.6	4.7	4.8	2.3
63 H99-334	5.0	5.7	5.1	4.3	7.3
64 A03-51	5.0	5.4	4.6	5.2	3.7
65 Julia	5.0	5.2	4.4	5.5	3.7
66 H99-384	5.0	5.2	4.4	5.4	5.7
67 A05-316	5.0	5.5	4.3	5.3	4.7
68 Thorough-Blue	5.0	5.1	5.0	4.9	6.0
69 A99-447	5.0	5.6	4.4	4.9	3.0
70 A04-1415	5.0	4.9	4.7	5.2	5.7

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010
	2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	
71 A04-1272	5.0	6.2	4.1	4.7	2.7
72 A04-1407	5.0	5.8	4.8	4.4	2.7
73 A04-37	5.0	5.4	4.5	5.1	4.7
74 A00-4019	5.0	5.4	4.5	5.0	3.0
75 A05-201	5.0	5.1	4.9	4.9	4.3
76 K4-7	5.0	4.6	5.1	5.2	5.0
77 H07-2	4.9	5.1	4.8	4.8	4.7
78 A05-323	4.9	5.2	4.5	5.0	3.7
79 A04-1489	4.9	5.4	4.5	4.8	2.7
80 A99-1799	4.9	4.7	4.9	5.2	5.3
81 A98-962	4.9	5.3	4.6	4.9	4.7
82 K7-34	4.9	4.8	4.4	5.6	3.7
83 Moonlight	4.9	5.5	4.7	4.6	4.7
84 A05TB-275	4.9	5.2	4.6	5.0	6.7
85 A04TB-212	4.9	5.5	4.3	5.0	5.0
86 A05-313	4.9	5.3	4.7	4.9	3.3
87 RSP	4.9	5.7	4.8	4.1	6.0
88 A04-1470	4.9	5.5	4.6	4.6	1.7
89 A98-3322	4.9	5.3	4.5	4.9	5.0
90 A06-36	4.9	5.5	4.5	4.8	5.3
91 H94-305	4.9	4.2	5.2	5.4	6.3
92 Moonshine	4.9	4.9	4.9	4.9	5.0
93 A04-14	4.9	4.8	4.6	5.1	6.0
94 A04-15	4.9	4.9	5.0	4.8	6.0
95 K7-26	4.9	5.2	4.4	5.1	2.7
96 A99-2897	4.8	4.9	4.6	5.0	4.3
97 H99-1626	4.8	5.2	4.6	4.7	6.0
98 A04-66	4.8	5.4	4.8	4.2	3.0
99 A04-74	4.8	5.3	4.4	4.7	2.3
100 A03-26	4.8	5.5	4.9	3.9	5.3
101 A04-1375	4.8	6.1	3.9	4.3	3.3
102 A99-2758	4.8	5.5	5.1	3.8	2.3
103 A96-409	4.8	5.3	4.9	4.4	3.0
104 A93-201	4.8	5.1	4.4	4.9	4.3
105 K7-37	4.8	4.8	4.4	5.2	4.3

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010
	2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	
106 High Noon	4.8	5.5	4.6	4.3	5.3
107 H07-5	4.8	5.5	4.0	4.8	5.0
108 A04-1384	4.8	5.3	4.2	4.7	2.7
109 A05-894	4.8	5.0	4.4	4.8	3.7
110 A01-245	4.8	5.0	4.7	4.5	5.0
111 A93-201	4.7	5.4	4.3	4.5	5.7
112 H03-556	4.7	5.8	4.7	3.6	7.3
113 Rush	4.7	5.2	4.1	4.8	2.7
114 H03-532	4.7	5.2	4.4	4.5	6.3
115 H01-844	4.7	5.5	4.2	4.4	7.7
116 A06-23	4.7	4.6	4.6	4.9	3.7
117 Tsunami	4.7	5.3	4.8	4.0	2.7
118 A04-1342	4.7	4.5	4.8	4.7	2.7
119 A04-1547	4.7	4.9	4.2	5.0	3.3
120 H03-546	4.7	4.3	4.4	5.3	6.7
121 A04-394	4.6	4.9	4.3	4.6	5.3
122 H07-1	4.6	4.5	4.6	4.6	5.3
123 A00-1400	4.6	4.8	4.4	4.5	3.3
124 A04-1377	4.6	5.3	4.3	4.1	2.7
125 H99-1551	4.6	4.5	4.7	4.5	3.3
126 Rugby II	4.6	5.2	4.5	4.1	3.0
127 Blacksburg	4.6	5.1	4.1	4.5	5.7
128 A04-1452	4.6	5.1	4.3	4.3	3.3
129 A04-1268	4.6	4.8	4.3	4.5	3.0
130 P-105	4.6	5.2	4.1	4.4	4.0
131 A00-1193	4.6	5.4	3.8	4.6	4.3
132 Guinness	4.6	5.1	4.1	4.5	5.7
133 K4-9	4.6	4.7	4.5	4.5	2.0
134 Northside	4.6	4.9	4.2	4.6	4.7
135 H07-4	4.5	4.7	4.6	4.4	2.3
136 A03-72	4.5	4.7	4.3	4.7	3.3
137 A04-391	4.5	5.2	4.1	4.3	5.0
138 A91-703	4.5	4.6	4.5	4.5	3.3
139 K7-32	4.5	4.7	4.5	4.6	3.0
140 Moon Beam	4.5	5.1	4.4	4.2	2.7

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010
	2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	
141 K7-29	4.5	4.6	4.5	4.6	5.0
142 A97-1328	4.5	5.0	4.4	4.2	5.3
143 A04-1315	4.5	5.1	4.4	4.0	5.0
144 T7-2	4.5	4.8	4.4	4.3	3.0
145 A99-712	4.5	5.2	4.2	4.0	4.7
146 A98-344	4.5	4.8	4.0	4.5	3.7
147 P-105	4.5	4.6	4.6	4.3	4.3
148 K7-27	4.5	4.6	4.4	4.4	3.0
149 A04TB-338	4.5	5.4	3.9	4.2	3.3
150 A05-847	4.4	5.7	3.9	3.7	4.0
151 A05-200	4.4	4.6	4.4	4.3	3.7
152 PpH8510	4.4	4.9	4.0	4.4	3.0
153 PST-103-87	4.4	5.5	3.9	3.8	4.7
154 K7-39	4.4	4.9	4.2	4.2	2.7
155 T7-4	4.4	5.4	3.9	3.9	2.7
156 K4-10	4.4	4.5	4.3	4.3	4.7
157 A05TB-386	4.4	4.3	4.3	4.4	4.3
158 H02-647	4.3	5.3	3.6	4.1	2.0
159 K7-24	4.3	4.8	4.2	4.0	3.0
160 Full Moon	4.3	4.5	4.2	4.2	3.7
161 K4F-18	4.3	5.4	3.7	3.9	2.7
162 K4-4	4.3	4.5	4.0	4.4	2.0
163 K7-30	4.3	4.2	4.5	4.2	3.3
164 A06-33	4.3	4.8	4.0	4.0	3.7
165 A98-708	4.3	5.0	4.4	3.5	2.3
166 K7-40	4.3	4.5	3.9	4.5	3.0
167 K4-3	4.2	5.0	4.3	3.5	3.0
168 A04TB-152	4.2	4.5	4.0	4.2	4.3
169 A04-1347	4.2	5.5	3.7	3.3	2.3
170 K7-23	4.2	3.9	4.1	4.6	4.3
171 K7-44D	4.2	4.3	4.3	4.0	3.7
172 T7-6	4.2	5.1	3.7	3.7	6.7
173 PST-103-412	4.2	4.8	3.9	3.9	3.0
174 A03-37	4.2	4.3	4.0	4.1	5.0
175 K4-5	4.2	4.9	4.1	3.4	3.0

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010
	2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	
176 A02-976	4.2	4.7	3.8	4.0	3.3
177 A05-345	4.1	4.3	4.1	4.0	4.7
178 A04-1474	4.1	4.4	3.8	4.0	2.0
179 H02-608	4.1	4.9	3.6	3.7	1.7
180 A98-3366	4.0	5.0	3.2	3.9	4.0
181 NuBlue	4.0	4.0	3.9	4.2	5.3
182 T7-8	4.0	4.5	3.6	3.9	3.0
183 Dynamo-BS	4.0	4.6	3.6	3.9	2.7
184 Baron	4.0	4.6	3.5	3.9	3.0
185 PST-103-651	4.0	4.2	4.0	3.9	3.0
186 Moonlight SLT	4.0	5.6	3.6	2.7	4.3
187 H07-6	3.9	4.3	3.9	3.6	3.3
188 A05TB-382	3.9	3.8	3.6	4.1	5.0
189 A05-203	3.8	4.4	3.6	3.6	3.3
190 K4-8	3.8	5.1	3.5	3.0	3.0
191 PST-1G4-68	3.8	4.4	3.8	3.3	2.3
192 K7-28	3.8	4.0	3.8	3.7	3.3
193 A02-1429	3.8	5.4	3.2	2.7	2.5
194 Hawman	3.8	3.8	4.2	3.3	2.3
195 A05TB-459	3.8	3.3	3.7	4.3	3.7
196 K7-22	3.7	3.9	3.3	4.0	3.3
197 PST-103-692	3.7	3.8	3.7	3.5	2.0
198 H92-558	3.7	3.4	3.7	3.8	3.3
199 T7-3	3.7	4.1	3.2	3.6	2.7
200 A98-1001	3.6	4.8	3.4	2.8	4.0
201 K7-38	3.6	3.8	3.3	3.8	2.3
202 K7-31	3.6	3.7	3.5	3.7	4.3
203 K7-36	3.6	4.0	3.3	3.5	3.3
204 A05-204	3.6	4.3	3.1	3.4	4.7
205 K7-41G	3.6	4.4	3.3	3.0	3.3
206 K4-15	3.6	3.5	3.7	3.5	4.0
207 A04TB-192	3.5	3.4	3.1	3.9	4.0
208 H07-7	3.4	3.5	2.9	3.9	3.0
209 A05-332	3.4	3.8	3.2	3.3	3.7
210 A97-1271	3.4	3.9	3.5	2.9	3.0

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010
	2008-2010 Avg.	2008 Avg.	2009 Avg.	2010 Avg.	
211 K7-19	3.3	3.4	3.3	3.2	3.3
212 T7-7	3.3	5.1	2.8	2.1	3.3
213 A96-742	3.3	3.2	3.4	3.4	4.0
214 A05-329	3.3	4.0	3.0	3.0	3.0
215 A05TB-94	3.3	2.9	3.1	3.8	3.7
216 K7-43D	3.1	3.3	2.7	3.4	3.3
217 K7-25	3.0	3.3	2.5	3.3	3.0
218 K4-6	2.9	2.9	2.9	2.9	1.7
219 PST-102-234	2.5	2.2	2.1	3.1	3.3
LSD at 5% =	0.8	0.9	1.0	1.2	1.7

<sup>1</sup>9 = best turf quality

<sup>2</sup>9 = darkest green winter color



Table 6. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2008 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.					
1 A05TB-386	6.8	6.9	6.7	4.3	6.0	8.0	7.7	
2 A00-1400	6.6	7.0	6.1	4.0	7.0	8.0	8.7	
3 Bluenote	6.5	6.2	6.7	3.0	7.7	7.3	8.3	
4 103-585	6.4	6.6	6.2	4.3	8.0	8.0	6.3	
5 A98-344	6.3	6.0	6.6	5.0	7.0	5.7	7.7	
6 Nu Destiny	6.3	6.2	6.3	2.3	6.0	8.0	8.7	
7 A03TB-1017	6.2	6.5	5.9	2.7	6.0	7.7	8.3	
8 NuBlue Plus	6.2	6.4	6.1	2.7	5.7	8.0	7.0	
9 Hampton	6.2	6.2	6.2	6.7	7.0	8.3	7.3	
10 A04-74	6.2	6.2	6.1	3.3	6.7	7.7	9.0	
11 A06-24	6.1	6.1	6.1	4.7	7.0	4.7	7.7	
12 NuChicago	6.1	6.3	5.9	2.7	6.3	8.3	8.3	
13 Blueberry	6.1	6.5	5.6	4.3	7.0	7.3	6.3	
14 1025-117	6.1	6.9	5.2	5.3	5.3	7.7	5.3	
15 A98-708	6.0	6.3	5.8	3.3	7.0	7.0	6.3	
16 A06-8	6.0	5.7	6.3	4.0	7.0	7.0	8.0	
17 Rhythm	6.0	6.0	6.0	3.3	6.0	8.3	8.0	
18 A04-46	5.9	5.6	6.3	5.0	7.0	7.0	8.3	
19 Award	5.9	6.2	5.7	2.3	5.7	8.0	8.0	
20 H01-700	5.9	5.8	6.0	3.0	6.3	5.3	7.7	
21 A04-49	5.9	6.0	5.8	7.0	4.7	8.3	7.7	
22 RAD-849	5.9	5.6	6.3	4.3	6.3	8.0	8.3	
23 Serene	5.9	6.2	5.6	6.7	6.7	8.0	6.7	
24 Bewitched	5.9	5.9	5.8	2.7	6.3	7.3	8.3	
25 A08-3	5.8	6.0	5.7	3.0	7.0	7.0	7.3	

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.				
26 A06-26	5.8	5.8	5.9	3.3	7.0	6.7	8.3
27 Emblem	5.8	6.4	5.3	4.7	6.3	8.0	7.0
28 Freedom II	5.8	5.9	5.7	2.3	6.0	7.7	8.3
29 Solar Eclipse	5.8	5.9	5.8	2.0	6.3	8.0	8.0
30 A03TB-938	5.8	5.8	5.9	3.0	7.3	7.3	7.0
31 Granite	5.8	6.4	5.2	2.7	5.7	8.0	7.3
32 Arrowhead	5.7	5.5	6.0	3.3	7.3	6.7	6.7
33 Alexa II	5.7	5.7	5.7	2.7	5.7	7.3	8.0
34 Zinfandel	5.7	5.7	5.7	4.3	6.7	8.0	7.3
35 102-45	5.7	6.0	5.5	4.3	6.7	6.7	4.3
36 A03TB-589	5.7	5.7	5.8	2.3	6.3	7.0	5.7
37 A03-51	5.7	5.9	5.5	2.3	6.0	7.7	7.7
38 A08-1	5.7	5.8	5.6	4.7	7.7	3.7	7.7
39 A01-1106	5.7	5.8	5.6	7.0	7.0	8.0	7.0
40 A99-447	5.7	5.7	5.7	5.0	6.7	8.0	8.3
41 K7-39	5.7	5.9	5.5	2.7	6.0	5.3	7.0
42 A03-84	5.7	5.6	5.8	4.0	6.7	7.7	6.7
43 A00-3037	5.7	5.8	5.6	4.3	7.3	8.3	7.7
44 Argos	5.7	5.6	5.8	5.0	7.3	6.3	7.3
45 A06-40	5.7	5.4	5.9	2.7	6.3	7.7	7.7
46 109-996	5.7	5.6	5.8	6.3	7.0	7.3	5.7
47 Bedazzled	5.7	5.8	5.5	5.0	7.3	8.3	8.0
48 A99-2897	5.7	5.5	5.8	5.7	7.0	7.7	7.0
49 RAD762	5.7	5.6	5.7	5.3	7.0	8.3	7.3
50 RAD-914	5.6	5.7	5.6	5.0	6.0	8.0	6.7

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.				
51 A03TB-939	5.6	5.5	5.8	3.0	7.3	7.0	6.0
52 Diva	5.6	5.4	5.8	3.3	6.7	6.0	7.3
53 A05-361	5.6	5.5	5.7	7.0	8.0	7.7	7.0
54 A00-4199	5.6	5.4	5.7	4.3	7.0	6.7	8.0
55 Total Eclipse	5.6	5.8	5.3	3.3	6.0	8.0	7.7
56 Mystere	5.5	5.9	5.2	6.3	5.7	8.0	7.0
57 A99-2103	5.5	5.3	5.8	2.7	6.7	5.3	7.3
58 Liberator	5.5	5.8	5.2	2.0	6.0	8.0	6.7
59 Ginney II	5.5	5.2	5.8	3.7	6.0	8.0	7.3
60 RAD-843	5.5	5.2	5.7	5.7	6.3	7.7	8.3
61 K4-8	5.5	5.8	5.2	3.0	6.3	6.7	6.7
62 K4-16	5.5	5.4	5.6	4.7	6.7	5.3	6.7
63 Cabernet	5.5	5.3	5.6	4.3	6.3	7.0	7.3
64 A99-269	5.5	5.5	5.4	3.0	6.7	8.0	7.0
65 Yankee	5.4	5.4	5.4	4.3	6.7	7.0	5.7
66 A04-69	5.4	5.6	5.2	5.7	4.7	6.7	6.7
67 Sonoma	5.4	5.2	5.7	5.0	6.7	5.3	8.7
68 Everest	5.4	5.9	5.0	2.3	6.0	7.7	7.0
69 A08-9	5.4	5.7	5.1	6.0	7.3	3.0	7.3
70 OAN64	5.4	5.4	5.4	4.7	6.0	8.3	6.7
71 H03-556	5.4	5.5	5.4	5.3	4.3	8.0	8.7
72 1A4-311	5.4	5.6	5.2	3.3	6.3	7.0	5.7
73 Blue-Sation	5.4	5.4	5.4	4.3	5.7	5.3	7.7
74 AKB-449	5.4	5.9	4.9	5.0	5.7	8.0	6.7
75 Monte Carlo	5.4	5.3	5.5	4.7	7.3	7.3	7.0

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality-----			Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.				
76 Frontpage	5.4	5.2	5.6	3.0	5.7	7.3	7.3
77 RAD-803	5.4	5.4	5.4	2.3	4.7	8.0	7.7
78 A08-317	5.4	5.4	5.4	5.3	7.0	5.0	6.7
79 A08-4	5.4	5.4	5.4	5.0	8.0	5.7	7.0
80 Ridgeline	5.4	5.7	5.1	3.7	6.3	5.3	6.3
81 A04-1375	5.4	5.8	4.9	2.0	7.3	5.3	5.0
82 A02-1429	5.4	5.4	5.4	2.3	7.7	5.7	6.3
83 A06-28	5.4	5.1	5.6	3.7	7.3	7.7	8.0
84 Quantum Leap	5.4	5.2	5.5	2.7	6.0	8.0	7.3
85 A99-2950	5.4	5.1	5.6	4.7	6.3	8.0	8.3
86 A05TB-396	5.4	5.0	5.7	6.7	7.3	6.0	6.0
87 A06-19	5.3	5.4	5.2	5.3	7.0	3.0	7.0
88 BD95-1930	5.3	5.2	5.5	5.0	6.3	8.3	7.3
89 A08-2	5.3	5.8	4.9	4.3	6.3	7.3	7.0
90 A05-314	5.3	5.6	5.1	5.7	7.0	6.3	6.7
91 A06-33	5.3	5.6	5.0	5.7	7.7	5.0	7.3
92 Touche	5.3	5.2	5.4	4.7	6.3	9.0	7.3
93 Everglade	5.3	5.6	5.0	2.0	6.3	8.0	6.7
94 A98-363	5.3	5.5	5.0	3.3	7.0	5.3	7.7
95 A06-2	5.3	5.1	5.5	4.7	6.7	4.7	8.0
96 P-105	5.3	5.1	5.5	5.0	6.0	8.0	7.0
97 Juliet	5.3	5.2	5.4	5.3	6.0	8.7	7.3
98 C-74	5.3	5.2	5.3	2.0	6.3	6.3	7.7
99 A98-210	5.3	5.0	5.6	6.7	8.0	5.3	7.3
100 A04-46	5.3	5.6	5.0	4.0	6.7	8.0	5.0

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.				
101 K7-37	5.3	5.1	5.4	5.0	7.7	4.3	5.7
102 A05-319	5.3	5.2	5.3	4.3	5.3	5.0	7.3
103 103-87	5.3	6.0	4.5	5.0	6.0	8.0	2.3
104 A05TB-382	5.3	5.5	5.0	6.7	5.0	6.3	3.7
105 A08-15	5.2	5.1	5.4	2.7	6.7	7.0	7.0
106 A04-1260	5.2	5.2	5.2	4.0	5.7	7.0	7.0
107 A95-410	5.2	5.2	5.2	5.7	7.3	5.3	5.7
108 Pick 366	5.2	5.2	5.2	5.7	7.0	3.7	6.0
109 RAD-50	5.2	5.3	5.1	4.3	7.0	7.7	6.7
110 Alpine	5.2	5.4	5.0	2.7	6.3	7.0	7.0
111 102-862	5.2	5.1	5.3	4.7	6.3	7.3	6.0
112 K7-50S	5.2	4.9	5.5	4.3	6.0	7.3	7.0
113 RAD-600	5.2	5.5	4.9	5.0	7.3	7.0	5.0
114 A08-6	5.2	5.0	5.3	3.3	6.3	5.3	7.3
115 PSG 366-6	5.2	5.4	5.0	6.3	7.3	3.7	5.7
116 A06-682	5.2	5.0	5.3	4.0	6.0	8.3	6.0
117 A05-309	5.2	5.0	5.3	3.7	5.7	5.0	7.7
118 Kingfisher	5.2	5.1	5.2	6.0	7.0	5.3	7.3
119 A06-632	5.2	4.9	5.4	2.3	6.7	6.0	7.3
120 Courtyard	5.2	5.7	4.7	3.0	5.7	6.7	7.0
121 A00-2969	5.2	5.2	5.1	5.3	5.7	4.3	7.3
122 RAD-897	5.2	5.5	4.8	5.0	7.7	8.0	6.7
123 A98-39	5.2	5.1	5.2	6.7	7.0	5.7	6.0
124 NuGlade	5.1	5.5	4.8	2.3	5.3	5.0	7.0
125 A02-1428	5.1	5.0	5.2	3.0	7.0	5.3	8.7

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.				
126 A98-948	5.1	5.3	5.0	4.7	5.3	7.0	7.7
127 A04TB-338	5.1	5.3	4.9	5.3	6.7	3.7	5.0
128 A04-391	5.1	4.9	5.3	4.7	5.3	7.7	6.3
129 TD-8	5.1	5.3	4.9	5.3	6.7	4.3	6.3
130 K8-66	5.1	5.2	4.9	5.3	7.3	3.7	5.3
131 RAD-507	5.1	5.1	5.1	3.7	8.0	7.7	7.3
132 A03TB-364	5.1	4.9	5.3	4.0	4.7	7.7	6.7
133 A99-3182	5.1	5.4	4.7	5.7	4.3	8.0	6.3
134 PP-34736-04	5.1	5.4	4.7	4.7	6.3	7.3	4.7
135 K8-69	5.1	5.1	5.0	5.0	5.7	5.0	5.0
136 A04-1470	5.1	5.0	5.1	2.0	6.0	5.3	7.3
137 H02-647	5.1	5.5	4.6	2.3	6.7	4.3	5.7
138 STR 2324	5.1	5.4	4.7	2.7	6.7	5.7	6.7
139 RAD-892	5.1	5.0	5.1	5.0	6.7	8.0	6.7
140 SR 2109 5,000 ppm	5.0	4.9	5.2	3.7	7.0	7.0	8.3
141 MSP 3774	5.0	4.9	5.2	3.3	6.7	5.7	6.7
142 RAD-928	5.0	5.0	5.0	4.0	7.0	7.0	7.3
143 RAD-232	5.0	5.1	4.9	2.3	5.7	5.3	4.7
144 A05TB-459	5.0	5.3	4.7	3.3	6.3	5.0	4.0
145 Starburst	5.0	4.9	5.1	5.7	6.7	7.0	5.7
146 4-Season	5.0	5.6	4.4	5.3	6.3	8.0	3.7
147 1G4-68	5.0	4.9	5.1	6.0	7.3	7.0	7.3
148 K7-31	5.0	5.5	4.5	3.7	7.0	6.3	5.0
149 A03TB-676	5.0	5.0	5.0	6.7	7.0	5.0	5.7
150 A07-393	5.0	4.9	5.0	3.0	5.3	6.0	7.3

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.					
151 A04-35	5.0	4.8	5.1	2.3	5.3	5.0	7.7	
152 TX676	5.0	4.8	5.2	7.0	7.0	5.3	6.0	
153 A99-2026	5.0	4.7	5.2	4.0	6.7	6.3	7.3	
154 RAD-418	5.0	4.9	5.0	4.3	5.0	8.0	8.3	
155 RAD-457	5.0	5.2	4.7	3.3	6.0	6.3	7.0	
156 RAD-640	5.0	5.0	4.9	5.3	7.3	6.7	7.0	
157 A04TB-258	5.0	5.0	4.9	3.3	5.7	7.3	3.7	
158 A04-383	4.9	4.3	5.5	4.7	6.3	8.0	6.7	
159 A04-1347	4.9	5.4	4.4	3.0	7.7	5.0	7.3	
160 A05-894	4.9	5.4	4.5	5.7	5.7	6.0	7.0	
161 A04-38	4.9	5.0	4.9	3.7	4.3	4.0	7.3	
162 A00-1193	4.9	4.8	5.1	3.0	6.7	7.7	6.3	
163 A04-1272	4.9	5.3	4.6	4.7	6.7	6.7	6.3	
164 K8-80 NL	4.9	5.3	4.6	4.3	6.7	8.0	5.7	
165 Arcadia	4.9	4.8	5.0	2.0	5.7	7.3	7.3	
166 TD-4	4.9	5.4	4.4	3.7	6.7	8.3	3.0	
167 A08-5	4.9	5.3	4.5	3.7	7.0	3.0	6.0	
168 A00-1395	4.9	4.8	5.0	2.3	6.7	5.3	7.0	
169 STR 2485	4.9	4.9	4.9	3.7	6.3	5.3	7.0	
170 103-651	4.9	5.3	4.5	2.0	5.7	8.0	4.3	
171 K8-63	4.9	4.6	5.1	4.3	6.3	5.0	5.7	
172 A08-318	4.9	4.8	5.0	2.0	4.7	5.3	7.0	
173 Farenheit 90	4.9	5.1	4.6	3.7	4.7	5.7	2.7	
174 Volt	4.9	5.4	4.3	5.7	5.0	5.3	6.3	
175 Julia	4.9	4.8	4.9	4.3	7.0	6.7	5.7	

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.				
176 A04-1557	4.8	5.0	4.7	2.3	6.3	4.3	7.3
177 H01-912	4.8	4.5	5.2	5.0	7.0	4.7	6.3
178 Spitfire	4.8	5.8	3.9	4.7	6.7	5.0	4.3
179 A04-387	4.8	4.6	5.1	2.3	5.3	7.7	7.3
180 A04-1407	4.8	5.2	4.5	1.3	5.7	4.3	5.3
181 A07-5	4.8	4.7	4.9	3.0	7.3	5.7	3.7
182 RAD-1224	4.8	4.9	4.7	5.0	5.3	6.3	5.0
183 Bandera	4.8	4.6	5.0	2.0	6.0	5.3	7.3
184 SR2109	4.8	5.0	4.6	4.7	6.7	8.3	6.7
185 SR2109 10,000 ppm	4.8	4.7	4.9	4.7	7.7	6.0	8.0
186 MSP 3872	4.8	4.9	4.7	3.0	6.7	6.3	7.3
187 PST-1QG-38	4.8	4.3	5.3	2.7	6.7	5.7	7.0
188 K8-77 NO	4.8	4.9	4.7	3.3	7.3	5.3	4.3
189 Crest	4.8	4.7	4.8	3.7	6.3	4.3	6.7
190 T8-13	4.8	5.0	4.6	4.3	4.7	6.0	5.7
191 A06-6	4.8	4.3	5.2	5.0	7.0	5.3	6.7
192 102-371	4.8	4.5	5.0	4.3	8.0	5.0	5.7
193 K4-7	4.8	4.8	4.7	5.3	7.3	3.7	5.3
194 A08-7	4.7	4.3	5.1	4.0	7.0	4.7	7.7
195 A04-1271	4.7	4.5	5.0	2.3	5.3	8.0	6.7
196 PSG 2677	4.7	4.7	4.7	6.7	7.3	4.3	6.0
197 Gaelic	4.7	5.2	4.2	6.0	5.0	5.7	6.7
198 104-4	4.7	4.8	4.7	2.0	6.7	5.3	3.7
199 SR 2284	4.7	4.8	4.6	6.0	8.0	4.0	5.7
200 K4-5	4.7	5.1	4.4	5.3	4.3	7.0	6.7

(Continued)



Table 6 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.					
201 RAD-861	4.7	4.8	4.7		1.7	5.7	7.7	4.7
202 Blackberry	4.7	4.6	4.8		3.7	5.7	5.3	7.0
203 Arrow	4.7	4.7	4.7		4.7	6.3	3.7	6.3
204 103-509	4.7	5.0	4.4		3.3	7.0	5.3	6.0
205 SR-2100	4.7	4.2	5.1		4.0	6.0	5.7	6.3
206 STR-23078	4.7	4.7	4.6		2.7	6.7	6.3	6.3
207 A08-8	4.7	4.7	4.6		4.7	7.7	2.3	6.7
208 A05-847	4.7	5.0	4.3		6.7	5.0	7.3	6.0
209 102-158	4.7	4.8	4.5		4.3	7.7	3.0	5.7
210 RAD-931	4.7	4.6	4.7		5.0	6.3	7.3	7.3
211 A04-1381	4.6	4.3	4.9		1.7	7.7	6.3	5.0
212 Baron	4.6	4.5	4.8		3.0	6.0	3.7	7.3
213 1A4-1103	4.6	5.2	4.1		2.7	4.7	7.3	4.3
214 Eagleton	4.6	4.1	5.1		4.3	5.3	7.0	7.0
215 Champagne	4.6	4.5	4.7		4.7	5.7	6.0	4.3
216 A05-332	4.6	4.5	4.7		6.0	7.3	5.0	7.0
217 A07-377	4.6	4.7	4.5		4.3	5.7	1.3	6.7
218 TD-2	4.6	4.8	4.3		4.0	6.3	7.0	4.0
219 K4-15	4.6	5.0	4.2		4.7	5.7	5.7	5.7
220 A05TB-60	4.6	5.0	4.2		2.3	3.3	5.7	7.7
221 A93-201	4.6	5.0	4.1		5.0	5.7	4.3	6.3
222 Northside	4.6	4.4	4.7		5.0	5.7	3.3	6.0
223 A00-99	4.6	4.1	5.0		2.0	6.0	4.7	6.0
224 Bordeaux	4.6	4.5	4.6		3.0	7.0	3.3	5.7
225 104-241	4.6	5.1	4.0		2.0	6.0	6.3	2.7

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality-----			Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.				
226 A01-195	4.5	4.6	4.4	5.7	6.3	4.7	3.3
227 TD-6	4.5	4.9	4.2	4.0	6.0	7.7	3.3
228 H03-510	4.5	4.2	4.8	4.0	4.7	7.7	5.0
229 A03TB-317	4.5	4.8	4.2	5.7	6.3	4.7	3.0
230 A99-2377	4.5	4.4	4.6	4.3	6.3	4.7	6.7
231 PSG 2MSU21	4.5	4.3	4.6	4.7	7.3	5.0	6.3
232 TD-9	4.5	4.4	4.5	3.7	7.3	7.0	3.3
233 Mallard	4.5	4.4	4.5	4.7	6.3	6.3	5.3
234 K7-54S	4.5	4.8	4.2	5.7	5.3	6.3	4.3
235 RAD-551	4.5	4.5	4.4	2.7	4.3	7.7	5.3
236 RAD-815	4.5	4.3	4.6	3.7	6.0	6.7	6.7
237 A05TB-438	4.5	4.4	4.6	3.3	6.3	4.0	4.7
238 A04-1504	4.5	4.3	4.7	3.7	7.7	7.0	4.7
239 STR 2278	4.5	4.2	4.8	3.0	7.0	4.7	6.7
240 BD98-1358	4.5	4.6	4.3	3.7	4.7	6.0	6.3
241 K8-76 NO	4.5	4.0	4.9	2.3	6.7	5.0	6.0
242 101-92	4.4	4.7	4.1	2.3	3.3	7.0	5.7
243 K7-28	4.4	4.5	4.3	4.3	7.3	3.0	4.7
244 K8-75 NO	4.4	4.6	4.2	4.0	5.7	4.0	7.3
245 A04-1452	4.4	4.2	4.6	5.7	7.3	5.7	6.0
246 A06-659	4.4	4.2	4.5	5.7	6.0	7.7	6.0
247 Brooklawn	4.4	4.6	4.2	4.3	4.7	5.3	6.0
248 TD-7	4.4	4.5	4.2	3.3	6.3	7.7	4.0
249 A04TB-212	4.4	4.4	4.3	4.7	5.7	3.7	3.3
250 A05-925	4.4	4.2	4.5	5.3	6.0	5.3	4.7

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.				
251 K8-81 NO	4.4	4.5	4.2	4.3	7.0	7.0	5.0
252 A08-316	4.4	4.4	4.3	4.7	5.7	6.0	4.3
253 A98-3366	4.3	5.0	3.7	6.0	7.3	5.3	4.7
254 K7-32	4.3	4.4	4.3	2.7	6.3	7.7	5.3
255 RAD-825	4.3	4.5	4.2	5.3	5.7	3.7	5.3
256 A04-13	4.3	3.9	4.7	4.3	5.7	7.7	6.0
257 Bonaire	4.3	4.5	4.1	4.7	5.3	4.7	6.7
258 K8-61S	4.3	3.9	4.7	4.3	5.7	5.7	4.0
259 STR 2451	4.3	3.7	4.8	2.7	6.3	3.7	5.7
260 A06-632	4.3	5.0	3.6	2.0	6.3	4.3	4.3
261 TD-5	4.2	4.6	3.9	3.0	5.7	7.7	2.7
262 A04-1315	4.2	4.9	3.5	3.3	3.7	6.0	6.0
263 A04-1477	4.2	4.1	4.4	3.3	7.0	5.0	5.0
264 A04-1234	4.2	3.6	4.8	7.3	6.0	7.7	6.7
265 A06-698	4.2	3.8	4.5	5.3	6.7	7.7	6.3
266 MP07	4.2	4.3	4.0	5.3	4.3	8.0	6.3
267 A04TB-327	4.2	4.4	4.0	3.0	4.0	6.7	3.0
268 SPTR 2959	4.2	3.7	4.6	4.7	6.7	3.7	6.3
269 K8-60	4.1	4.2	4.0	4.0	5.7	2.0	2.7
270 K8-78 NO	4.1	4.3	4.0	5.3	6.7	4.0	4.7
271 STR 2553	4.1	3.8	4.5	2.3	6.3	3.3	6.0
272 PSG 2MSU12	4.1	4.4	3.8	5.3	7.0	3.0	5.7
273 PSG 2MSU11	4.1	4.3	3.9	5.7	6.7	3.3	4.7
274 K8-79 GER	4.1	4.1	4.1	4.3	7.0	3.7	5.3
275 Cheetah	4.1	4.3	3.9	4.7	4.7	7.0	5.3

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.				
276 Touchdown	4.1	4.3	3.9	5.0	5.0	7.7	5.0
277 102-327	4.1	4.4	3.8	4.3	6.3	3.7	6.0
278 A05TB-409 12331 Tx BI	4.1	3.8	4.4	4.0	6.0	5.3	5.7
279 PST-102-307	4.0	4.1	3.9	4.0	4.3	4.0	5.0
280 PSG2MSU22	4.0	4.3	3.8	4.7	7.0	4.3	4.7
281 RAD474	4.0	4.8	3.1	3.7	3.7	6.3	3.3
282 Guinness	4.0	4.0	3.9	4.7	5.0	5.7	6.3
283 K7-44D	4.0	3.7	4.2	5.7	7.0	1.3	3.7
284 STR 23064	3.9	3.7	4.2	4.3	7.3	3.3	5.0
285 Ulysses	3.9	3.3	4.5	5.0	7.3	5.3	5.3
286 102-965	3.9	3.9	3.9	2.7	3.7	7.7	7.0
287 America	3.9	3.3	4.4	3.0	6.3	3.0	6.0
288 K7-51S	3.9	3.9	3.9	2.7	7.3	6.0	4.7
289 K8-62	3.9	3.9	3.8	4.3	6.3	2.3	4.7
290 PST-102-1011	3.8	4.6	3.1	5.3	4.7	6.0	5.0
291 Orfeo 10,000 ppm	3.8	4.1	3.6	3.3	6.0	3.0	4.3
292 K7-58S	3.8	3.9	3.7	2.3	5.7	3.3	5.0
293 K7-43D	3.8	4.4	3.2	4.3	6.0	2.7	6.3
294 H03-546	3.8	3.1	4.4	5.0	4.7	6.7	6.3
295 K7-29	3.8	4.2	3.3	3.3	5.7	2.7	5.0
296 A05TB-41 Tx BI	3.8	3.8	3.7	5.7	4.7	3.0	3.7
297 RAD614	3.8	3.8	3.7	5.0	6.3	2.0	3.7
298 1T5-16	3.8	3.5	4.0	3.7	5.7	4.0	6.0
299 K8-72	3.7	4.1	3.2	3.0	6.3	3.7	4.0
300 105-16	3.6	3.8	3.4	4.7	6.0	5.3	3.7

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Winter Color <sup>2</sup> March 2010	Leaf Spot <sup>3</sup> April 2010	Seed Heads <sup>4</sup> May 2010	Billbug Resistance <sup>5</sup> July 2010
	2009-2010 Avg.	2009 Avg.	2010 Avg.					
301 K8-65	3.6	4.4	2.7	4.7	6.7	3.0	6.3	
302 K7-55S	3.5	3.7	3.4	6.0	6.3	6.0	3.0	
303 T8-15	3.5	4.0	3.0	5.0	6.3	1.7	2.3	
304 T8-12	3.4	4.2	2.6	4.3	6.3	1.7	1.0	
305 K8-64	3.4	4.1	2.7	4.3	6.3	1.3	2.3	
306 Orfeo	3.3	3.6	3.1	3.0	6.0	1.7	4.0	
307 Orfeo 5,000 ppm	3.3	3.5	3.1	3.7	5.7	2.3	4.0	
308 K8-68	3.3	3.7	2.8	4.0	6.7	2.7	4.0	
309 AM1	3.1	3.1	3.1	5.7	6.0	3.0	5.3	
310 Blue-Mazing	3.1	2.5	3.7	3.3	6.0	3.7	5.3	
311 Boutique	3.1	2.3	3.8	5.3	7.3	2.3	6.7	
312 STR 2509	2.7	2.0	3.4	2.7	5.7	2.7	5.7	
313 K7-59S	2.7	2.9	2.4	4.3	6.3	1.3	3.0	
314 A04TB-7	2.6	1.9	3.2	4.3	4.7	3.7	5.0	
315 STR 235	2.5	1.7	3.2	3.7	6.0	3.3	4.3	
316 K7-57S	1.9	1.7	2.1	3.7	5.3	1.0	2.0	
317 STR 2332	1.5	1.0	1.9	3.3	5.0	2.3	3.7	
LSD at 5% =	0.6	0.8	0.8	1.4	1.1	1.2	1.6	

<sup>1</sup>9 = best turf quality  
<sup>2</sup>9 = darkest green winter color  
<sup>3</sup>9 = least disease  
<sup>4</sup>9 = fewest seed heads  
<sup>5</sup>9 = least billbug damage

Table 7. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2008 at North Brunswick, NJ.

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Color <sup>2</sup> March 2010	Heat Tolerance <sup>3</sup> July 2010
	2009- 2010 Avg.	2009 Avg.	2010 Avg.		
1 Bluenote	6.1	6.0	6.1	3.3	7.0
2 Eagleton	6.1	6.4	5.7	4.0	7.0
3 Bewitched	6.1	5.9	6.2	3.3	7.0
4 A04-69	6.0	5.7	6.3	5.3	6.3
5 A05-261	5.9	6.0	5.9	4.0	7.0
6 A04-74	5.9	5.8	6.1	3.7	7.3
7 103-585	5.9	5.6	6.1	2.0	6.7
8 Mystere	5.9	6.1	5.6	5.3	6.3
9 A05-314	5.9	6.0	5.7	4.3	7.0
10 A01-1107	5.8	5.3	6.2	4.3	7.3
11 A00-3037	5.8	6.0	5.6	3.3	6.7
12 Juliet	5.8	5.9	5.6	3.7	7.0
13 A04-49	5.8	5.4	6.1	6.3	6.7
14 A06-8	5.8	5.7	5.7	4.3	6.3
15 H03-556	5.8	6.0	5.5	3.7	7.0
16 RAD 762	5.7	6.0	5.3	3.0	6.3
17 A02-103	5.7	5.3	6.0	5.0	6.0
18 Bedazzled	5.6	5.7	5.6	5.0	6.7
19 MSP-3774a	5.6	6.0	5.3	3.3	7.0
20 A99-2950	5.6	5.5	5.7	4.3	7.3
21 A05TB-396	5.5	5.3	5.7	5.7	6.7
22 A99-2950	5.5	5.5	5.5	3.7	7.0
23 Hampton	5.5	5.4	5.6	3.7	6.3
24 A05TB-386	5.5	5.9	4.9	4.0	6.3
25 Zinfandel	5.5	5.4	5.5	4.3	7.3
26 TX 676	5.5	5.6	5.3	4.0	5.7
27 Yankee	5.5	5.5	5.4	3.0	6.0
28 A04-46	5.5	5.7	5.2	3.0	6.0
29 A03-51	5.5	5.3	5.6	3.7	6.3
30 A05-361	5.4	5.6	5.3	6.3	4.3
31 Monte Carlo	5.4	5.3	5.6	4.7	7.0
32 Cabernet	5.4	5.2	5.6	4.3	6.3
33 Blue-Station	5.4	5.9	5.0	3.3	6.0
34 A98-344	5.4	4.7	6.1	4.7	6.7
35 MSP-3769	5.4	5.4	5.4	3.0	7.3

(Continued)

Table 7 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Color <sup>2</sup> March 2010	Heat Tolerance <sup>3</sup> July 2010
	2009- 2010 Avg.	2009 Avg.	2010 Avg.		
36 A03-84	5.4	5.6	5.2	3.7	5.7
37 Ginney II	5.4	5.8	4.9	3.0	5.7
38 A00-1395	5.4	5.7	5.0	2.7	7.3
39 2224-3	5.4	5.4	5.3	3.0	7.0
40 Alexa II	5.4	5.5	5.2	3.3	6.7
41 A06-26	5.4	5.6	5.1	2.3	6.7
42 A05-279	5.3	5.1	5.5	4.0	6.7
43 A04TB-258	5.3	5.4	5.2	2.7	6.7
44 Diva	5.3	5.5	5.0	2.7	5.3
45 A03-68	5.3	5.5	5.1	2.3	7.3
46 Blueberry	5.3	5.2	5.3	3.7	5.7
47 1QG-38	5.2	5.4	5.0	2.7	7.0
48 A05-314	5.2	5.4	5.0	5.3	5.3
49 A04TB-338	5.2	5.0	5.4	3.7	6.7
50 A00-1400	5.2	5.0	5.3	3.7	7.0
51 Solar Eclipse	5.2	5.5	4.9	2.7	6.0
52 A05TB-382	5.2	5.3	5.0	4.7	5.0
53 A99-2103	5.2	5.1	5.3	4.3	6.0
54 A04-391	5.1	5.4	4.8	4.3	5.3
55 A08-9	5.1	5.2	5.0	5.0	5.7
56 A04-383	5.1	5.5	4.6	5.0	5.7
57 30773-03	5.1	5.5	4.7	2.0	4.3
58 A04-1234	5.1	4.7	5.4	4.0	6.0
59 P-105	5.1	5.2	4.9	3.3	6.0
60 Fahrenheit 90	5.0	5.0	5.0	2.7	5.3
61 A00-99	5.0	5.4	4.7	3.3	6.0
62 Nu Glade	5.0	5.2	4.7	2.7	5.7
63 A05-847	5.0	5.3	4.7	3.3	5.3
64 A08-4	5.0	5.1	4.8	5.0	5.0
65 A06-33	5.0	5.1	4.8	4.7	5.3
66 30772-03	5.0	5.4	4.6	3.3	4.7
67 Liberator	5.0	5.3	4.6	3.0	5.0
68 109-996	5.0	5.3	4.7	3.7	5.0
69 A04-1504	4.9	4.9	4.9	3.0	5.0
70 A04TB-275	4.9	4.8	5.0	3.7	6.3

(Continued)

Table 7 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Color <sup>2</sup> March 2010	Heat Tolerance <sup>3</sup> July 2010
	2009- 2010 Avg.	2009 Avg.	2010 Avg.		
71 K7-37	4.9	5.0	4.9	4.3	4.7
72 A03TB-1017	4.9	5.1	4.7	3.0	5.0
73 Nu Chicago	4.9	5.3	4.4	2.7	4.7
74 Award	4.9	5.5	4.3	2.3	5.0
75 MSP-3872	4.9	5.4	4.4	3.0	5.7
76 Volt	4.9	5.1	4.6	3.3	5.0
77 Rhythm	4.9	4.6	5.1	3.3	6.0
78 K4-7	4.9	4.7	5.0	4.7	5.0
79 K7-50S	4.9	5.2	4.5	3.3	6.0
80 BD95-1930	4.8	5.5	4.2	2.7	5.0
81 K8-66	4.8	5.3	4.3	2.0	5.3
82 AKB 449	4.8	5.7	4.0	3.0	6.0
83 A06-40	4.8	5.2	4.4	4.7	4.3
84 Freedom III	4.8	5.2	4.4	3.0	5.0
85 1556-2	4.8	4.4	5.2	4.7	5.0
86 A95-410	4.8	5.2	4.4	5.0	4.3
87 K8-61S	4.8	5.2	4.3	2.7	5.7
88 A04-387	4.8	5.0	4.6	2.7	5.7
89 A04-1452	4.8	4.8	4.7	2.7	5.7
90 H02-607	4.8	5.0	4.6	2.7	6.3
91 Sonoma	4.8	4.8	4.7	4.0	6.0
92 Champagne	4.8	4.8	4.7	3.7	4.0
93 SR 2109 10,000ppm	4.8	4.6	5.0	3.3	5.0
94 Courtyard	4.8	5.1	4.3	3.0	5.3
95 A99-2377	4.8	4.4	5.1	4.3	5.7
96 A04-93	4.7	5.7	3.8	3.0	4.3
97 Blackberry	4.7	4.9	4.6	4.0	5.7
98 A06-2	4.7	5.2	4.3	3.0	4.3
99 A04-1477	4.7	4.6	4.7	3.0	5.7
100 Nu Destiny	4.7	5.4	4.1	3.0	4.3
101 Total Eclipse	4.7	4.8	4.6	2.3	5.3
102 A03TB-364	4.7	4.3	5.1	3.7	6.3
103 K7-39	4.7	4.6	4.8	2.7	5.7
104 K8-75 NO	4.7	5.2	4.3	4.3	5.3
105 A04-1470	4.7	5.4	3.9	1.3	4.7

(Continued)



Table 7 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Color <sup>2</sup> March 2010	Heat Tolerance <sup>3</sup> July 2010
	2009- 2010 Avg.	2009 Avg.	2010 Avg.		
106 Nu Blue Plus	4.7	5.2	4.2	2.7	5.3
107 Northside	4.7	5.2	4.0	3.3	4.7
108 PP-34736-04	4.7	4.9	4.4	4.7	5.3
109 A06-24	4.7	4.4	5.0	4.3	5.7
110 Bedazzled	4.6	4.3	4.9	4.0	6.0
111 Arrowhead	4.6	4.7	4.6	3.3	5.3
112 K8-76 NO	4.6	5.1	4.1	2.3	4.0
113 A04-77	4.6	4.9	4.3	3.0	5.0
114 A05-847	4.6	5.1	4.1	3.7	4.7
115 Everest	4.6	5.4	3.7	2.0	4.0
116 Julia	4.6	5.0	4.2	3.7	5.0
117 A04-1375	4.6	5.0	4.2	3.3	3.3
118 A03TB-317	4.6	4.5	4.6	4.7	5.0
119 K8-80 NL	4.6	4.9	4.3	3.0	4.3
120 A04-1381	4.6	5.0	4.1	4.7	4.0
121 A99-2026	4.6	4.2	4.9	3.7	6.0
122 A08-2	4.5	4.7	4.3	5.0	5.0
123 A04-1557	4.5	4.9	4.2	1.3	4.0
124 A04-1315	4.5	5.1	3.9	3.3	4.7
125 H04-13	4.5	4.6	4.5	4.3	4.3
126 Everglades	4.5	4.8	4.1	3.0	4.7
127 Bonaire	4.5	4.8	4.3	4.0	5.0
128 K4-16	4.5	4.5	4.6	3.7	5.3
129 K7-32	4.5	4.2	4.8	4.0	6.3
130 A93-201	4.5	5.1	4.0	3.7	4.0
131 Gaelic	4.5	5.4	3.6	3.7	4.3
132 A04-1272	4.5	4.7	4.2	3.7	4.7
133 A01-195	4.5	4.8	4.1	4.7	5.3
134 A04-1375	4.5	4.9	4.0	1.7	3.0
135 Aries	4.5	5.3	3.6	3.0	3.7
136 4-Season	4.5	4.5	4.4	5.0	4.3
137 H03-510	4.5	5.0	3.9	4.0	4.3
138 A06-698	4.5	5.0	4.0	4.7	4.3
139 A08-6	4.4	5.1	3.8	2.3	4.3
140 1477-11	4.4	3.9	4.9	3.3	6.0

(Continued)

Table 7 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Color <sup>2</sup> March 2010	Heat Tolerance <sup>3</sup> July 2010
	2009- 2010 Avg.	2009 Avg.	2010 Avg.		
141 SR 2109 5,000ppm	4.4	4.6	4.3	2.0	4.7
142 Brooklawn	4.4	4.6	4.2	3.7	4.3
143 K8-63	4.4	3.8	5.1	3.3	6.3
144 A00-1193	4.4	4.7	4.2	3.0	4.7
145 A08-3	4.4	4.5	4.3	4.0	4.7
146 A08-8	4.4	4.1	4.8	5.0	5.3
147 H02-608	4.4	4.7	4.1	1.7	3.0
148 A07-25	4.4	5.1	3.7	2.0	2.7
149 PSG 366-6	4.4	4.3	4.4	4.3	4.7
150 TD-8 JP-08	4.4	4.4	4.4	3.7	5.3
151 OAN 64	4.4	4.3	4.5	4.0	5.7
152 Right	4.4	5.1	3.7	2.3	4.0
153 102-45	4.4	4.6	4.1	3.7	5.3
154 T8-15	4.4	4.7	4.0	2.7	5.0
155 A06-24	4.4	4.2	4.6	4.3	5.0
156 A07-5	4.4	3.8	5.0	3.0	5.7
157 Crest	4.4	4.8	3.9	2.3	4.7
158 BD98-1358	4.4	5.1	3.6	3.0	3.3
159 A98-708	4.3	4.5	4.1	3.3	4.7
160 A04-1271	4.3	4.8	3.9	1.3	5.0
161 A05-925	4.3	4.8	3.9	4.0	3.0
162 Ridgeline	4.3	4.7	4.0	3.3	5.0
163 Mallard	4.3	4.7	4.0	3.0	4.3
164 A03TB-1045	4.3	3.7	4.9	4.0	6.0
165 Bordeaux	4.3	4.5	4.0	3.0	4.3
166 Pick 366	4.3	3.9	4.6	4.0	4.7
167 SR 2100	4.3	4.2	4.4	2.7	5.0
168 Arrow	4.3	3.6	5.0	4.0	6.3
169 K8-78 NO	4.3	4.9	3.7	4.3	4.3
170 T8-12	4.3	4.7	3.9	3.3	4.7
171 A08-1	4.3	4.4	4.2	3.0	5.0
172 A08-7	4.2	4.6	3.8	4.0	4.7
173 A05TB-60	4.2	4.2	4.2	3.3	5.0
174 A04-1407	4.2	4.4	4.0	2.0	3.3
175 A05-894	4.2	4.5	3.9	3.3	4.7

(Continued)

Table 7 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Color <sup>2</sup> March 2010	Heat Tolerance <sup>3</sup> July 2010
	2009- 2010 Avg.	2009 Avg.	2010 Avg.		
176 K7-31	4.2	3.5	4.9	3.3	6.3
177 A06-6	4.2	4.0	4.4	3.3	6.0
178 H02-647	4.2	4.5	3.9	2.7	3.0
179 1586-11	4.2	3.7	4.6	2.3	5.3
180 A00-2969	4.2	4.5	3.9	4.3	4.3
181 102-862	4.2	4.0	4.3	2.7	3.7
182 H03-546	4.2	4.1	4.2	4.7	4.7
183 A08-5	4.1	4.4	3.8	3.7	3.7
184 America	4.1	3.4	4.7	3.7	5.7
185 1A4-1103	4.1	3.8	4.4	3.0	5.0
186 K4-15	4.1	4.5	3.8	4.3	4.7
187 K7-28	4.1	4.0	4.2	2.7	5.0
188 Guinness	4.1	4.7	3.5	4.3	3.3
189 A05TB-459	4.1	3.8	4.3	3.7	4.3
190 102-327	4.1	3.8	4.3	3.0	4.7
191 1A4-311	4.1	4.4	3.8	2.7	6.0
192 H03-546	4.1	4.0	4.1	4.0	5.0
193 Orfeo 10,000ppm	4.1	4.5	3.7	2.3	4.7
194 1G4-68	4.1	3.6	4.5	2.7	5.0
195 K8-60	4.1	4.2	4.0	3.3	5.0
196 A04-1347	4.0	4.6	3.5	2.0	4.0
197 Orfeo 5,000ppm	4.0	4.2	3.8	2.3	4.7
198 103-87	4.0	4.8	3.2	2.7	3.3
199 104-4	4.0	3.9	4.1	2.3	4.3
200 K7-29	4.0	4.8	3.2	4.0	3.7
201 102-965	4.0	5.0	3.0	2.3	3.7
202 K7-51S	4.0	4.2	3.7	2.7	3.7
203 A04-1407	4.0	4.7	3.2	1.3	2.0
204 A03TB-589	4.0	4.0	3.9	2.0	4.7
205 K7-54S	4.0	4.4	3.6	3.0	4.7
206 Baron	3.9	3.7	4.2	3.0	4.3
207 K4-8	3.9	3.9	4.0	2.7	6.0
208 K8-62	3.9	4.8	3.1	3.7	4.0
209 Touchdown	3.9	4.3	3.6	2.0	3.0
210 RAD 614	3.9	4.2	3.5	4.3	3.3

(Continued)

Table 7 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Color <sup>2</sup> March 2010	Heat Tolerance <sup>3</sup> July 2010
	2009- 2010 Avg.	2009 Avg.	2010 Avg.		
211 102-158	3.9	3.9	3.9	3.7	4.7
212 K7-44D	3.9	3.7	4.0	4.0	4.7
213 A05TB-438	3.8	3.7	3.9	2.7	4.3
214 103-509	3.8	3.5	4.2	3.3	4.3
215 A05TB-327	3.8	3.3	4.3	4.0	4.3
216 MP07 KBG	3.8	4.4	3.2	2.0	3.3
217 102-371	3.8	3.6	3.9	3.3	4.3
218 H04-185	3.7	3.3	4.2	4.0	3.7
219 1T5-16	3.7	2.9	4.4	3.3	5.7
220 103-651	3.7	4.3	3.0	2.3	3.7
221 K8-79 GER	3.7	3.4	3.9	3.0	3.7
222 A05-332	3.7	3.5	3.8	3.7	3.7
223 A05TB-41	3.6	3.4	3.8	3.7	4.0
224 PST-102-307	3.6	3.6	3.6	2.3	2.7
225 101-92	3.5	4.1	2.9	1.7	3.0
226 105-16	3.5	3.3	3.7	3.7	4.3
227 K4-5	3.5	4.0	2.9	2.0	2.7
228 K8-64	3.5	3.6	3.4	2.3	3.7
229 TD-4 JP-08	3.4	3.8	3.1	4.0	2.3
230 K7-58S	3.4	3.2	3.7	3.0	4.0
231 A04TB-7	3.4	2.3	4.5	4.7	5.3
232 K8-77NO	3.4	3.8	3.0	3.3	2.3
233 Boutique	3.3	2.6	4.1	3.7	5.3
234 K8-68	3.3	3.1	3.6	2.7	4.3
235 A04TB-212	3.3	2.9	3.6	4.0	4.0
236 TD-2 JP-08	3.3	3.5	3.0	4.7	2.0
237 Blue-Mazing	3.3	2.7	3.8	3.0	5.0
238 K7-55S	3.3	3.2	3.3	5.3	3.3
239 K8-81 NO	3.3	3.5	3.0	3.0	2.3
240 TD-7 JP-08	3.2	3.6	2.8	3.0	2.0
241 TD-5 JP-08	3.2	3.2	3.1	3.7	2.7
242 AM-1 JP-08	3.1	2.5	3.7	5.7	4.7
243 TD-9 JP-08	3.1	3.5	2.7	3.7	2.0
244 K7-59S	3.1	3.0	3.2	3.7	3.0
245 Winter Blue	3.1	3.4	2.8	3.0	3.0

(Continued)

Table 7 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----			Color <sup>2</sup> March 2010	Heat Tolerance <sup>3</sup> July 2010
	2009- 2010 Avg.	2009 Avg.	2010 Avg.		
246 TD-6 JP-08	2.9	3.1	2.7	4.3	2.3
247 RAD 474	2.9	3.2	2.5	4.3	2.7
248 K7-43D	2.7	2.8	2.5	3.3	2.3
249 K8-65	2.5	2.8	2.2	3.7	1.7
250 K7-57S	2.5	2.4	2.5	3.0	2.3
LSD at 5% =	0.7	0.8	0.9	1.5	1.6

<sup>1</sup>9 = best turf quality

<sup>2</sup>9 = darkest green genetic color

<sup>3</sup>9 = least heat stressed

Table 8. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2009 at Adelphia, NJ.

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> April, 2010
1 A03-3606-8	7.0	7.0
2 SCKB-4	6.9	6.7
3 A98-363	6.9	7.0
4 76-9066	6.7	7.0
5 Blue Chip Plus	6.7	7.7
6 Right	6.7	7.7
7 A99-2328	6.7	6.3
8 A04-68	6.7	7.3
9 SCKB-3	6.6	7.7
10 A03-3	6.6	8.0
11 A06-19	6.6	7.3
12 PSG-366	6.6	7.7
13 Everest	6.5	6.0
14 H01-697	6.5	7.0
15 A04-1272	6.5	7.7
16 A06-46	6.5	7.3
17 Blue Velvet	6.5	6.0
18 Emblem	6.5	7.0
19 PST-103-87	6.4	7.3
20 Nu Chicago	6.4	7.0
21 Mystere	6.4	7.7
22 Granite	6.4	6.7
23 A03-84	6.4	7.0
24 Rhapsody	6.3	6.7
25 Rush	6.3	6.7
26 Award	6.3	6.7
27 Jefferson	6.3	8.3
28 Rhythm	6.3	6.7
29 A03-3597-1	6.3	7.3
30 Quantum Leap	6.3	7.0
31 A04-74	6.3	6.3
32 A05TB-382	6.3	7.3
33 Liberator	6.3	6.3
34 A04-46	6.3	7.0
35 Solar Eclipse	6.3	6.3

(Continued)

Table 8 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> April, 2010
36 Nu Blue	6.3	6.7
37 Freedom III	6.3	6.0
38 PST-K8-80	6.2	7.7
39 PST-K9-105D	6.2	6.3
40 Everglade	6.2	6.7
41 A06-40	6.2	8.0
42 Ginney II	6.2	7.0
43 Alexa II	6.2	6.3
44 A06-2	6.2	7.0
45 H99-1653	6.2	7.7
46 A05-360	6.1	8.3
47 Midnight II	6.1	7.0
48 Prosperity	6.1	7.0
49 A05-316	6.1	6.3
50 STR 2509	6.1	6.3
51 Rugby II	6.1	6.3
52 Bewitched	6.1	6.0
53 A04-66	6.1	6.7
54 Tsunami	6.0	6.7
55 Beyond	6.0	6.0
56 A09-230	6.0	6.7
57 A98-344	6.0	6.7
58 PST-K4-3	6.0	8.0
59 A99-523	6.0	6.3
60 Odyssey	6.0	7.3
61 A00-4199	6.0	8.3
62 PST-1A1-326	6.0	5.7
63 SCKB-1	6.0	7.0
64 Touche	6.0	8.0
65 A99-2377	6.0	6.0
66 Nu Glade	6.0	6.3
67 A01-1106	6.0	8.3
68 A08-2	6.0	6.7
69 PST-K9-89	5.9	6.0
70 Futurity	5.9	6.7
71 Blue Note	5.9	7.0
72 Sudden Impact	5.9	7.0
73 Avalanche	5.9	8.3
74 SCKB-2	5.9	7.3
75 Starburst	5.9	7.0

(Continued)

Table 8 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> April, 2010
76 Arcadia	5.9	4.3
77 Alpine	5.9	6.7
78 Front Page	5.9	6.7
79 Nu Destiny	5.9	5.7
80 4 Season	5.9	6.3
81 PST-K9-95	5.8	5.7
82 PST-K9-96	5.8	7.7
83 PST-103-585	5.8	7.0
84 SCKB-5	5.8	8.7
85 RAD-849	5.8	7.3
86 A00-891	5.8	8.0
87 PST-K9-91	5.8	6.0
88 PST-K8-60	5.8	6.7
89 A05-347	5.8	6.3
90 STR 2485	5.8	7.3
91 Washington	5.8	7.3
92 Pp H8400	5.8	7.0
93 Valor	5.8	7.0
94 RAD-1224	5.8	7.7
95 RAD-1217	5.8	7.3
96 P-105	5.8	7.0
97 A09-259	5.8	7.0
98 H03-556	5.8	6.7
99 PST-1A4-311	5.7	7.0
100 A06-24	5.7	6.0
101 A00-3037	5.7	6.7
102 Voyager II	5.7	6.7
103 A04-38	5.7	7.3
104 RAD-840	5.7	8.0
105 Perfection	5.7	6.7
106 Diva	5.7	7.0
107 A04-67	5.7	7.3
108 A05-356	5.7	6.7
109 A03-38	5.7	6.0
110 Jump Start	5.6	8.3
111 PST-K4-15	5.6	6.0
112 RAD-1209	5.6	7.3
113 Cheetah	5.6	8.0
114 A94MH-94	5.6	6.0
115 A05-204	5.6	6.3

(Continued)



Table 8 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> April, 2010
116 PST-K9-93	5.6	6.0
117 PST-T7-7	5.6	7.0
118 A03-77	5.6	7.0
119 A99-2026	5.6	6.3
120 A00-1193	5.6	6.7
121 Zinfandel	5.6	6.0
122 PST-109-996	5.6	7.7
123 A05-297	5.6	6.0
124 Fahrenheit 90	5.6	5.3
125 A98-3366	5.6	6.3
126 H02-607	5.6	8.0
127 PST-K9-101	5.5	6.7
128 A05-331	5.5	6.7
129 SR-2109	5.5	7.3
130 A04-1271	5.5	7.7
131 A04-1557	5.5	7.0
132 PST-K7-28	5.5	6.7
133 A05-311	5.5	7.7
134 A99-2758	5.5	5.3
135 PST-104-4	5.5	6.3
136 Brilliant	5.5	6.0
137 PST-K9-100	5.5	7.3
138 PST-K9-92FR	5.5	6.7
139 PST-K4-7	5.5	7.0
140 PSG-711	5.5	5.7
141 Argos	5.5	6.3
142 A07-5	5.5	6.3
143 PST-K9-90	5.4	6.3
144 PST-99-34736-07	5.4	7.3
145 A05-354	5.4	6.0
146 A05-321	5.4	6.3
147 A05-315	5.4	7.3
148 A05-361	5.4	5.7
149 PST-K8-81	5.4	6.0
150 A03-677	5.4	7.3
151 PST-A07-393	5.4	6.7
152 RAD-1214	5.4	7.3
153 Moon Beam	5.3	5.7
154 PST-K9-104	5.3	5.7
155 Rampart	5.3	7.3

(Continued)

Table 8 (continued).

	Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> April, 2010
156	A09-232	5.3	6.7
157	PST-104-59	5.3	7.3
158	PST-K8-75NO	5.3	6.3
159	RAD-422	5.3	6.0
160	Monte Carlo	5.3	7.7
161	Moonshine	5.3	7.3
162	PST-K9-83	5.3	6.7
163	A05-351	5.3	5.7
164	A98-210	5.3	7.0
165	A06-2	5.3	6.0
166	A06-11	5.3	6.3
167	PST-K7-24	5.2	5.3
168	PST-K9-99	5.2	6.7
169	PST-K7-29	5.2	7.7
170	Pp H9131	5.2	6.0
171	SR 2284	5.2	6.3
172	A06-28	5.2	5.3
173	A99-3110	5.2	6.0
174	PST-K8-76NO	5.2	6.0
175	PSG 2677	5.2	7.7
176	A09-231	5.2	6.7
177	A05-894	5.2	7.3
178	RSP	5.2	7.3
179	Blacksburg	5.2	6.7
180	H01-938	5.2	9.0
181	North Star	5.2	6.0
182	PST-K9-85	5.2	5.7
183	Bandera	5.2	5.7
184	A06-26	5.2	6.0
185	Sombrero	5.1	7.3
186	RAD-1206	5.1	8.3
187	TD-4-JP08	5.1	7.0
188	A04-36	5.1	7.3
189	PST-K8-77NO	5.1	6.3
190	PST-T9-16	5.1	6.3
191	RAD-924	5.1	6.7
192	TD-2-JP08	5.1	7.3
193	A07-377	5.1	5.0
194	A05-319	5.1	7.7
195	Brooklawn	5.1	7.0

(Continued)

Table 8 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> April, 2010
196 PST-K9-82	5.1	6.3
197 Mozart 1	5.1	6.3
198 TD-5 JP08	5.1	6.7
199 PSG 2109-5SLT	5.1	7.7
200 Golden Nugget	5.1	6.3
201 A93-201	5.1	7.0
202 Julia	5.1	6.7
203 Bronco	5.0	6.7
204 Arrowhead	5.0	7.0
205 PST-K9-88	5.0	6.3
206 PST-K9-87	5.0	6.7
207 RAD-892	5.0	6.7
208 A04-1547 Spitrenai	5.0	8.0
209 Extra	5.0	6.7
210 Anastasia	4.9	6.3
211 Wildhorse	4.9	7.3
212 A99-2444	4.9	5.0
213 Revel I	4.9	6.3
214 Bordeaux	4.9	6.3
215 Eagleton	4.9	6.7
216 America	4.9	4.7
217 GS-4-09	4.9	6.3
218 PST-K7-58S	4.8	6.0
219 PST-A06-632	4.8	7.7
220 GS-5-09	4.8	7.3
221 STR 2451	4.8	5.0
222 RAD-860	4.8	6.7
223 A04-1407	4.8	6.0
224 PST-K9-94	4.7	6.3
225 A02-976	4.7	6.0
226 Action	4.7	6.7
227 PST-1G4-66	4.6	6.3
228 TD-7 JP08	4.6	6.7
229 STR 2278	4.6	5.0
230 OF-10000	4.5	6.3
231 PST-102-307	4.5	6.0
232 Full Moon	4.5	6.0
233 PST-K9-84	4.5	6.0
234 Guinness	4.5	6.7
235 PST-K7-59S	4.4	5.7

(Continued)

Table 8 (continued).

	Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> April, 2010
236	RAD-614	4.4	7.3
237	A03TB-364	4.4	5.7
238	STR 23078	4.4	6.7
239	Touchdown	4.4	7.3
240	Shamrock	4.3	5.7
241	PST-102-1011	4.3	6.0
242	A04TB-192	4.3	5.0
243	RAD-641	4.2	6.3
244	RAD-926	4.2	5.7
245	PST-K9-102	4.2	3.7
246	STR 2324	4.2	4.3
247	PST-K9-103	4.1	6.3
248	A05-350	4.1	5.0
249	Limousine	4.1	4.7
250	Kingfisher	4.1	4.0
251	A05-323	4.0	4.7
252	GS-2a-09	4.0	5.7
253	STR 2553	4.0	3.7
254	Orfeo	4.0	5.7
255	PST-K9-98	3.9	4.3
256	PST-K8-64	3.9	5.7
257	GS-3-09	3.9	5.7
258	A05TB-41	3.9	5.0
259	A05TB-60	3.9	4.7
260	A04TB-327	3.9	4.7
261	PST-K9-86	3.8	6.0
262	PST-K8-65	3.7	5.0
263	Orfeo	3.5	4.3
264	Spitfire	3.4	5.3
265	RAD-648	3.3	4.7
266	GS-2-09	3.2	6.0
267	Ulysses	3.2	4.7
268	STR 23064	3.1	3.3
269	PST-102-158	2.9	4.0
270	SCKB-6	2.9	4.0
271	Camas	2.8	8.7
272	Mercury	2.2	2.3
273	STR 235	1.5	2.0
274	A03TB-772	1.1	1.3

(Continued)

Table 8 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> April, 2010
LSD at 5% =	0.9	1.3

<sup>1</sup>9 = best turf quality

<sup>2</sup>9 = best establishment

Table 9. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2009 at North Brunswick, NJ.

Cultivar or Selection	Quality without Drought <sup>1</sup> 2010 Avg.	Establishment <sup>2</sup> Nov. 2009	Crown Rust <sup>3</sup> Dec. 2009	Spring Green-up <sup>4</sup> March 2010	Drought <sup>5</sup> July/Sept. 2010 Avg.
1 A06-46	6.3	6.3	6.7	6.7	5.6
2 SCKB-5	6.1	7.7	4.7	7.7	5.7
3 RSP	6.1	6.7	1.7	7.0	5.5
4 A06-40	6.1	5.3	5.0	6.7	6.5
5 H99-1653	6.0	7.0	6.3	7.3	5.6
6 A05-360	5.9	6.3	4.3	7.0	4.8
7 H01-697	5.8	6.0	8.3	6.7	7.2
8 A98-3366	5.8	6.7	3.0	5.7	5.0
9 A09-258 (KB x TB)	5.8	5.3	2.7	6.3	4.8
10 A01-1106	5.8	6.7	4.7	7.0	4.8
11 H03-556	5.8	7.0	3.7	6.0	4.5
12 A04-1547	5.7	7.0	2.0	4.7	5.7
13 A05-894	5.7	6.0	5.0	5.7	5.1
14 A04-63	5.7	4.7	5.0	6.7	5.1
15 PST-109-996	5.7	6.0	6.0	7.7	5.7
16 A04-1557	5.7	7.3	4.7	4.0	5.5
17 A04-1272	5.7	7.0	2.7	5.3	4.9
18 Avalanche	5.7	6.0	5.7	6.7	4.8
19 Jump Start	5.7	6.3	5.0	7.3	4.4
20 A04-1271	5.7	8.0	7.0	6.7	4.1
21 Rhapsody	5.6	5.0	3.7	7.0	6.4
22 Bewitched	5.6	6.7	6.3	6.3	4.4
23 A04-38	5.6	6.0	4.3	6.3	4.4
24 PSG 2109-5SLT	5.5	5.3	2.7	4.7	5.4
25 A98-363	5.5	6.0	7.3	7.0	4.8
26 Eagleton	5.5	7.0	3.7	5.0	4.7
27 A04-1268	5.5	6.0	6.0	6.0	4.5
28 A06-19	5.5	6.0	6.0	7.0	5.3
29 A99-523	5.4	5.0	6.7	6.3	6.7
30 A05TB-382	5.4	4.7	7.7	6.7	6.5
31 A03-3606-8	5.4	5.7	5.0	5.7	5.2
32 H01-938	5.4	6.0	1.3	5.3	5.0
33 Touche	5.4	5.0	4.3	6.7	4.9
34 RAD-849	5.4	6.3	7.3	6.3	4.3
35 A06-2	5.3	4.0	7.0	5.3	6.2

(Continued)

Table 9 (continued).

Cultivar or Selection	Quality without Drought <sup>1</sup> 2010 Avg.	Establishment <sup>2</sup> Nov. 2009	Crown Rust <sup>3</sup> Dec. 2009	Spring Green-up <sup>4</sup> March 2010	Drought <sup>5</sup> July/Sept. 2010 Avg.
36 Brooklawn	5.3	5.7	3.0	5.3	4.5
37 A05-925	5.3	4.3	2.7	5.0	3.4
38 A03-677	5.3	6.7	2.0	5.0	6.2
39 P-105	5.3	5.7	8.0	6.3	5.2
40 Sombrero	5.3	6.0	4.0	6.7	5.0
41 Blacksburg	5.3	6.0	4.3	6.0	5.0
42 SCKB-3	5.3	5.7	6.0	6.7	4.9
43 H01-492	5.3	5.3	1.3	5.0	3.9
44 RAD-1206	5.3	5.0	7.3	6.7	3.2
45 A06-24	5.2	4.0	7.3	5.0	6.1
46 SCKB-1	5.2	5.7	4.0	6.3	5.1
47 A04-1407	5.2	5.3	4.3	5.7	4.4
48 Pp H9131	5.2	5.0	9.0	5.7	3.7
49 Washington	5.2	7.3	6.0	7.0	3.6
50 A03-84	5.1	5.3	6.7	7.3	6.2
51 Futurity	5.1	4.7	8.3	6.3	6.0
52 PST-K9-96	5.1	5.3	8.3	5.0	4.9
53 A00-3037	5.1	4.7	6.0	6.7	4.5
54 Jefferson	5.1	7.7	5.3	6.0	3.6
55 OF-10000	5.1	4.3	4.7	5.3	5.3
56 4 Season	5.1	5.3	3.7	5.3	5.1
57 PST-K8-80	5.1	5.0	8.0	7.0	5.0
58 PST-K8-60	5.1	5.0	7.7	6.0	4.7
59 A04-1260	5.1	6.0	3.3	5.3	4.7
60 Rugby II	5.1	5.7	2.3	3.7	4.5
61 PST-K9-83	5.1	4.7	5.7	6.0	4.3
62 Touchdown	5.1	7.0	1.7	4.3	4.3
63 A98-210	5.1	6.7	3.3	6.7	4.3
64 A94MH-94	5.1	6.3	2.0	5.0	4.0
65 A06-28	5.0	5.0	3.7	6.7	6.5
66 Columbus	5.0	5.7	4.0	7.0	6.4
67 A98-344	5.0	5.7	5.0	7.0	5.7
68 A06-40	5.0	5.3	3.3	5.3	5.6
69 A93-201	5.0	5.7	5.0	5.3	5.1
70 PST-K9-93	4.9	4.7	9.0	5.7	5.3

(Continued)

Table 9 (continued).

Cultivar or Selection	Quality without Drought <sup>1</sup> 2010 Avg.	Establishment <sup>2</sup> Nov. 2009	Crown Rust <sup>3</sup> Dec. 2009	Spring Green-up <sup>4</sup> March 2010	Drought <sup>5</sup> July/Sept. 2010 Avg.
71 H02-607	4.9	6.3	5.7	4.3	5.1
72 A03-77	4.9	4.7	7.7	6.7	5.0
73 Wildhorse	4.9	5.3	3.7	5.0	4.7
74 Mystere	4.9	5.0	3.3	5.3	4.7
75 A05-319	4.9	6.7	4.0	5.7	4.6
76 Julia	4.9	6.3	5.0	5.7	4.3
77 Nu Glade	4.9	6.7	3.3	5.7	4.2
78 SCKB-2	4.9	6.0	6.3	5.3	3.7
79 Midnight II	4.9	6.0	2.7	5.7	4.9
80 A04-36	4.9	4.7	5.7	5.3	4.7
81 PST-102-307	4.9	5.3	7.7	4.7	4.4
82 A00-4199	4.9	6.7	1.3	4.0	4.1
83 A05-315	4.9	5.0	4.3	5.0	4.1
84 A04-68	4.9	5.0	2.7	4.7	3.9
85 PST-1A1-326	4.8	4.3	8.3	5.7	5.9
86 Bordeaux	4.8	5.3	5.0	6.3	5.7
87 A99-2377	4.8	4.0	6.7	6.3	5.7
88 RAD-860	4.8	4.0	8.0	5.3	4.7
89 A08-2	4.7	4.3	8.0	6.3	5.8
90 PST-K9-101	4.7	4.7	9.0	6.0	4.3
91 SCKB-4	4.7	5.7	8.3	4.7	4.3
92 A04-46	4.7	5.7	6.7	7.0	3.9
93 A03TB-364	4.7	2.7	8.0	4.7	6.3
94 SR-2100	4.7	5.3	3.7	4.7	4.7
95 Zinfandel	4.7	4.3	7.0	6.7	4.7
96 Action	4.7	4.3	3.0	4.7	4.6
97 Diva	4.7	6.0	6.0	7.0	4.7
98 PST-K8-81	4.7	4.7	7.7	5.3	4.2
99 PST-T9-16	4.7	4.0	7.3	6.0	4.3
100 A03-3597-1	4.7	6.3	3.7	5.7	3.5
101 A99-2328	4.6	4.7	5.0	6.0	6.0
102 A09-232	4.6	6.0	5.7	6.7	4.7
103 A99-2758	4.6	3.7	5.3	5.3	4.3
104 A05-331	4.5	4.0	5.0	5.0	6.4
105 Valor	4.5	5.3	6.0	6.3	5.9

(Continued)



Table 9 (continued).

Cultivar or Selection	Quality without Drought <sup>1</sup> 2010 Avg.	Establishment <sup>2</sup> Nov. 2009	Crown Rust <sup>3</sup> Dec. 2009	Spring Green-up <sup>4</sup> March 2010	Drought <sup>5</sup> July/Sept. 2010 Avg.
106 A05-311	4.5	4.0	5.3	5.0	5.3
107 PST-K7-24	4.5	5.3	8.3	5.7	4.8
108 Shamrock	4.5	3.7	4.3	4.7	4.7
109 Arrowhead	4.5	5.7	4.7	4.7	4.2
110 A09-259	4.5	5.3	4.3	6.0	3.7
111 A04-38	4.5	5.3	5.3	6.3	3.5
112 Liberator	4.5	6.3	3.0	5.7	3.3
113 Prosperity	4.5	4.3	8.7	5.7	5.7
114 Blue Note	4.5	3.7	6.7	5.0	5.3
115 A09-260	4.5	5.7	5.0	6.0	4.5
116 A06-11	4.5	3.7	7.0	5.7	4.4
117 RAD-614	4.5	5.7	8.7	5.7	4.1
118 Solar Eclipse	4.5	6.3	2.3	5.3	3.6
119 Moonshine	4.5	6.0	3.3	4.7	3.4
120 RAD-840	4.5	5.7	6.7	5.7	3.4
121 Rampart	4.5	5.7	5.0	6.0	3.1
122 A04-74	4.4	4.0	7.0	4.7	5.0
123 PST-K7-58S	4.4	4.0	7.0	4.3	4.5
124 A03-3	4.4	4.0	2.3	4.7	4.2
125 PST-K9-103	4.4	4.3	8.0	5.0	4.1
126 A00-1193	4.4	5.0	8.3	6.0	4.1
127 A05-351	4.4	3.3	7.0	5.0	4.0
128 PST-102-1011	4.4	4.3	8.0	5.3	3.7
129 PST-K9-84	4.4	6.0	4.7	4.3	3.6
130 A04-67	4.3	3.7	3.7	4.7	4.7
131 Rhythm	4.3	5.0	2.3	4.7	4.5
132 K7-32 Extra	4.3	5.3	7.7	5.0	4.3
133 A05-350	4.3	4.0	6.3	5.7	4.5
134 Everest	4.3	5.3	3.0	4.7	4.2
135 A06-8	4.3	4.3	7.7	7.3	3.8
136 Golden Nugget	4.3	6.3	5.3	6.3	3.3
137 Blue Note	4.3	4.3	4.7	6.3	3.3
138 A04-66	4.3	2.7	3.0	3.7	5.1
139 PSG-366	4.3	6.0	8.0	6.0	4.2
140 Monte Carlo	4.3	5.7	5.7	5.3	4.0

(Continued)

Table 9 (continued).

Cultivar or Selection	Quality without Drought <sup>1</sup> 2010 Avg.	Establishment <sup>2</sup> Nov. 2009	Crown Rust <sup>3</sup> Dec. 2009	Spring Green-up <sup>4</sup> March 2010	Drought <sup>5</sup> July/Sept. 2010 Avg.
141 Beyond	4.3	6.0	2.0	5.0	3.3
142 PST-K8-77NO	4.3	4.3	6.7	5.0	3.0
143 PST-K9-91	4.2	4.0	7.0	5.3	5.0
144 Blue Velvet	4.2	4.7	2.7	4.7	4.4
145 Cheetah	4.2	5.0	3.0	4.3	4.2
146 A03-38	4.2	3.3	5.7	4.7	4.2
147 A99-2026	4.2	4.7	5.0	6.0	3.8
148 A06-26	4.2	3.3	7.7	5.0	3.6
149 Brilliant	4.1	4.3	6.0	5.0	6.2
150 PST-K9-85	4.1	4.0	6.0	5.0	4.8
151 76-9066	4.1	4.3	6.3	4.7	3.6
152 A09-230	4.1	5.7	6.0	5.7	3.6
153 Everglade	4.1	5.3	2.7	5.0	3.5
154 Voyager II	4.1	4.0	7.0	4.3	5.1
155 RAD-924	4.1	4.0	5.7	6.0	4.9
156 A98-39	4.1	3.3	7.7	4.7	4.7
157 A06-47	4.1	2.7	8.3	5.0	4.1
158 Tsunami	4.1	5.0	2.7	5.3	3.1
159 PST-K9-95	4.1	5.7	8.3	5.0	2.7
160 Bronco	4.0	3.3	4.0	4.0	4.9
161 Full Moon	4.0	4.0	7.3	4.7	4.0
162 A05-321	4.0	4.0	4.0	5.7	4.1
163 PST-K9-89	4.0	4.7	7.0	6.3	3.0
164 PST-K9-104	3.9	4.3	8.3	6.0	4.5
165 A05TB-409	3.9	1.7	7.7	4.0	4.4
166 A09-256	3.9	3.0	4.3	4.0	4.3
167 Fahrenheit 90	3.9	5.0	6.0	5.0	3.3
168 Alexa II	3.9	6.0	2.7	4.7	2.9
169 Pp H8400	3.9	6.3	5.3	5.0	2.7
170 A05-347	3.9	3.3	7.7	4.3	5.2
171 PST-K9-94	3.9	3.7	8.7	5.3	4.9
172 PSG-711	3.9	3.7	6.7	5.7	4.5
173 A05-204	3.9	4.7	8.3	5.7	4.5
174 Argos	3.9	2.7	7.3	4.7	3.8
175 Freedom III	3.9	5.7	2.7	4.3	3.7

(Continued)

Table 9 (continued).

Cultivar or Selection	Quality without Drought <sup>1</sup> 2010 Avg.	Establishment <sup>2</sup> Nov. 2009	Crown Rust <sup>3</sup> Dec. 2009	Spring Green-up <sup>4</sup> March 2010	Drought <sup>5</sup> July/Sept. 2010 Avg.
176 Guinness	3.9	5.0	3.3	6.0	3.3
177 Nu Blue	3.9	7.0	2.3	5.7	2.9
178 Right	3.9	6.3	8.7	5.3	2.5
179 A05-354	3.8	4.3	7.3	5.3	4.2
180 RAD-1224	3.8	4.0	7.7	4.3	3.4
181 PST-K8-65	3.8	4.3	7.0	4.3	2.7
182 Blue Chip Plus	3.8	6.7	2.3	5.3	2.5
183 A05-297	3.7	3.0	4.7	4.3	4.9
184 A05-316	3.7	4.0	3.3	4.3	4.3
185 PST-K9-88	3.7	4.3	8.3	6.0	4.0
186 RAD-926	3.7	3.7	7.3	5.0	3.6
187 Ginney II	3.7	6.0	3.0	5.7	3.3
188 Nu Chicago	3.7	6.7	2.0	5.0	3.2
189 Camas	3.7	5.7	2.0	5.3	2.6
190 TD-5 JP08	3.7	4.7	3.0	4.0	2.4
191 A99-2444	3.7	2.7	7.3	4.0	5.3
192 Limousine	3.7	2.7	5.3	3.7	4.0
193 Mozart 1	3.7	4.7	7.7	6.7	3.3
194 RAD-1209	3.7	4.0	5.7	5.0	3.1
195 Award	3.7	6.0	2.7	4.7	2.9
196 A09-231	3.7	4.7	6.3	6.7	2.9
197 RAD-1214	3.7	4.0	6.3	4.7	2.6
198 Rush	3.7	6.3	2.7	5.3	2.4
199 Front Page	3.7	5.3	2.0	5.0	2.4
200 A07-377	3.6	3.0	7.7	3.0	4.2
201 A02-976	3.6	4.0	7.3	4.3	3.6
202 Perfection	3.6	5.3	2.7	5.0	3.2
203 Nu Destiny	3.5	6.3	2.7	5.3	3.0
204 Sudden Impact	3.5	6.0	2.7	5.3	3.0
205 America	3.5	2.3	7.7	2.7	4.6
206 Orfeo	3.5	2.7	6.0	3.3	4.3
207 Moon Beam	3.5	4.3	8.7	5.7	3.8
208 A05-356	3.5	3.7	5.7	4.7	3.0
209 A05-323	3.4	3.0	6.3	4.3	4.5
210 RAD-1217	3.4	3.7	7.0	4.7	3.1

(Continued)

Table 9 (continued).

Cultivar or Selection	Quality without Drought <sup>1</sup> 2010 Avg.	Establishment <sup>2</sup> Nov. 2009	Crown Rust <sup>3</sup> Dec. 2009	Spring Green-up <sup>4</sup> March 2010	Drought <sup>5</sup> July/Sept. 2010 Avg.
211 RAD-892	3.3	4.3	3.7	4.0	2.5
212 TD-7 JP08	3.3	4.7	2.3	4.0	2.3
213 A09-255	3.3	1.3	6.0	4.0	4.0
214 Revel I	3.3	5.7	8.3	6.3	1.7
215 A09-250	3.2	2.3	7.0	4.0	3.7
216 A04TB-192	3.2	4.0	7.7	5.3	3.3
217 A05TB-41	3.2	3.7	6.3	4.7	3.2
218 A04TB-327	3.1	3.0	6.7	4.7	3.2
219 North Star	3.1	5.0	4.0	3.7	2.9
220 A09-257	3.1	3.7	4.7	4.7	2.2
221 Odyssey	3.1	7.0	3.0	5.7	2.1
222 RAD-648	3.1	1.3	7.0	1.7	3.7
223 PST-K9-102	3.1	2.7	7.7	4.3	3.1
224 PST-K9-98	3.1	3.0	7.3	3.3	2.4
225 Granite	3.1	5.0	1.7	5.0	1.8
226 Anastasia	3.0	5.0	8.7	5.7	1.8
227 PST-K7-59S	2.9	3.3	7.7	4.3	3.3
228 RAD-641	2.9	3.0	6.7	4.3	3.2
229 RAD-422	2.9	4.0	7.3	4.7	3.1
230 A07-5	2.8	4.3	8.0	5.3	2.4
231 SCKB-6	2.7	1.3	7.0	3.0	3.7
232 A05TB-60	2.7	2.7	7.7	3.7	3.0
233 A98-1001	2.7	1.0	7.0	3.3	3.1
234 PST-104-4	2.7	3.7	5.3	3.3	2.6
235 A09-251	2.5	1.3	6.7	2.3	3.3
236 Mercury	2.2	1.0	7.3	1.3	2.4
237 A03TB-772	1.9	1.0	6.3	1.0	2.0
LSD at 5% =	1.0	1.3	1.7	1.4	2.1

<sup>1</sup>9 = best turf quality<sup>2</sup>9 = best establishment<sup>3</sup>9 = least disease<sup>4</sup>9 = earliest spring green-up<sup>5</sup>9 = least drought stressed

Table 10. Performance of Kentucky bluegrass cultivars and selections in a shaded turf trial seeded in September 2009 at Adelphia, NJ.

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> Oct. 2009	Crown Rust <sup>3</sup> Nov. 2009	Powdery Mildew <sup>3</sup> Nov. 2009	Density <sup>4</sup> Sept. 2010
1 A04-383	7.4	6.3	4.7	6.7	8.3
2 K4-3	7.1	6.3	8.3	8.0	8.0
3 K9-105D	7.0	5.7	8.3	8.3	8.0
4 Diva	7.0	6.7	3.7	5.7	8.3
5 103-87	6.7	6.3	8.0	8.0	7.0
6 A96-1338	6.6	6.3	4.7	6.3	7.3
7 Prosperity	6.6	4.7	8.3	7.3	8.7
8 Bluenote	6.5	5.0	5.7	5.0	8.0
9 K9-100	6.4	5.7	8.0	8.0	8.3
10 K9-90	6.2	5.3	6.3	6.3	7.0
11 1A4-311	6.2	6.3	7.7	6.7	7.3
12 A06-33	6.2	6.3	5.0	7.3	6.7
13 104-59	6.2	4.7	7.7	8.3	7.3
14 A00-1395	6.2	5.7	4.3	6.3	7.0
15 A05-322	6.2	6.3	3.3	6.7	7.3
16 A98-363	6.1	6.3	5.3	7.0	6.7
17 A99-523	6.1	6.0	5.0	7.0	7.0
18 A03-351	6.1	5.3	5.7	6.3	7.7
19 K4-7	6.0	3.7	6.7	4.3	6.3
20 Bewitched	6.0	4.7	5.7	3.7	6.0
21 K7-29	6.0	4.7	6.0	6.0	6.3
22 Futurity	6.0	5.3	4.3	6.3	6.7
23 A06-19	6.0	7.0	7.0	2.3	6.3
24 K9-82	5.9	4.0	8.0	7.7	6.7
25 AKB262	5.9	5.7	8.3	6.7	6.3
26 T7-7	5.9	5.0	6.3	2.0	7.0
27 103-651	5.9	4.7	7.3	3.7	7.3
28 Rhapsody	5.9	5.3	4.7	5.7	6.7
29 A09-258	5.8	5.7	4.3	5.7	7.3
30 103-585	5.8	6.0	8.3	4.7	6.0
31 Mozart 1	5.8	5.3	6.0	3.3	8.3
32 A06-8	5.8	4.3	4.7	6.3	6.3
33 A05-201	5.7	5.0	6.0	4.0	5.7
34 A06-632	5.7	5.7	4.3	6.0	6.7
35 K4-15	5.7	5.3	7.0	7.3	6.3

(Continued)

Table 10 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> Oct. 2009	Crown Rust <sup>3</sup> Nov. 2009	Powdery Mildew <sup>3</sup> Nov. 2009	Density <sup>4</sup> Sept. 2010
36 America	5.6	5.7	3.0	6.7	6.3
37 KH3343	5.6	4.7	6.0	2.7	5.7
38 AKB434	5.6	4.3	6.0	6.3	6.3
39 A04-1271	5.6	5.0	4.7	7.3	7.3
40 AKB042	5.6	3.7	5.3	6.3	7.7
41 A05-316	5.5	4.7	5.7	3.0	5.3
42 MSP 3898	5.5	5.7	5.3	6.0	6.3
43 K9-87	5.5	7.0	5.7	5.0	6.7
44 A04-38	5.5	5.7	5.7	3.7	5.7
45 A03-3606-8	5.5	5.7	4.7	6.7	5.7
46 A03-3	5.4	4.3	5.7	6.3	6.0
47 H03-556	5.4	7.3	3.7	6.0	6.7
48 A04-1488	5.3	6.0	4.0	4.7	6.3
49 K9-92	5.3	3.7	6.7	4.3	5.3
50 A98-210	5.3	6.7	5.0	4.7	6.3
51 Zinfandel	5.3	4.0	5.3	6.0	6.0
52 K9-99	5.2	4.0	5.7	4.7	5.7
53 A09-259	5.2	4.7	4.3	6.3	6.0
54 A05-347	5.2	5.3	4.0	6.0	5.7
55 K8-75NO	5.1	4.7	5.3	5.0	5.7
56 A05-894	5.1	5.3	5.7	3.7	4.7
57 KH8529	5.0	4.3	6.7	3.0	5.3
58 AKB141864	4.8	5.7	4.7	7.7	5.0
59 Volt	4.8	5.3	5.7	2.7	4.3
60 A09-232	4.8	4.3	4.0	7.0	5.7
61 102-158	4.8	5.7	6.7	3.0	5.7
62 A05-297	4.8	3.0	4.0	6.0	5.7
63 Ridgeline	4.7	2.3	6.7	6.3	5.0
64 A09-231	4.7	5.3	4.3	7.0	4.7
65 A09-260	4.7	5.3	4.7	6.3	5.3
66 KenBlue	4.7	7.3	4.3	7.0	5.7
67 K8-64	4.7	5.0	6.3	4.3	4.0
68 A04-1417	4.7	6.0	3.0	5.3	5.7
69 A05-354	4.7	4.0	5.0	7.3	4.7
70 Shamrock	4.6	6.0	4.7	2.7	4.3

(Continued)

Table 10 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> Oct. 2009	Crown Rust <sup>3</sup> Nov. 2009	Powdery Mildew <sup>3</sup> Nov. 2009	Density <sup>4</sup> Sept. 2010
71 A06-2	4.6	5.0	4.0	6.3	5.0
72 A98-344	4.6	6.3	4.3	6.3	4.7
73 Columbus	4.6	6.3	5.7	5.7	4.3
74 K8-76NO	4.6	3.3	4.7	5.3	6.7
75 AKB049	4.6	6.0	4.3	4.0	7.0
76 A05-323	4.5	3.3	5.0	6.0	5.7
77 AKB186	4.5	4.7	4.7	4.7	5.7
78 A04-74	4.5	3.3	6.0	5.0	4.7
79 A05-314	4.4	6.0	3.7	7.0	4.7
80 MP07	4.4	4.7	5.0	7.3	5.3
81 A03TB-677	4.4	7.0	3.3	6.3	5.7
82 AKB345	4.3	4.7	5.0	3.0	4.7
83 A07-393	4.3	6.0	3.3	2.0	5.0
84 K7-28	4.3	5.7	6.7	3.7	4.0
85 A09-257	4.3	4.3	4.7	6.7	4.3
86 K9-86	4.2	6.0	5.0	4.0	4.0
87 AKB264	4.2	3.0	4.7	7.0	3.7
88 Yankee	4.0	4.3	5.0	3.7	4.3
89 Arrow	4.0	3.0	6.0	5.7	4.0
90 1G4-66	4.0	4.3	6.7	5.3	3.7
91 A00-2882	4.0	5.3	4.0	6.7	3.7
92 Sombrero	3.9	5.3	5.3	4.0	3.7
93 A94MH-94	3.8	6.3	3.7	3.0	5.0
94 A05-321	3.8	4.7	4.3	7.0	3.3
95 AKB1010	3.7	3.3	5.3	6.0	4.3
96 Bordeaux	3.7	5.3	3.0	6.7	3.7
97 A09-250	3.7	2.3	6.0	6.3	4.3
98 Touchdown	3.6	7.0	4.3	7.3	3.7
99 AKB355	3.5	6.0	6.3	1.3	4.7
100 Mallard	3.4	2.3	4.7	6.3	3.7
101 PP-34736	3.3	6.0	5.3	3.0	2.3
102 A05-350	3.3	3.3	5.7	7.7	2.3
103 TD08-4	3.3	3.0	4.7	6.7	3.3
104 AKB1565	3.2	3.0	4.3	5.0	3.3
105 Arrowhead	3.2	6.3	5.0	2.7	3.7

(Continued)

Table 10 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> Oct. 2009	Crown Rust <sup>3</sup> Nov. 2009	Powdery Mildew <sup>3</sup> Nov. 2009	Density <sup>4</sup> Sept. 2010
106 AKB426	3.1	5.3	5.0	2.3	2.3
107 Orfeo	2.9	3.7	5.7	6.7	2.7
108 AKB1012	2.9	4.7	5.3	2.3	3.7
109 Baron	2.9	6.3	5.0	2.0	3.3
110 AKB363	2.9	5.0	4.7	2.3	3.0
111 AKB953	2.8	4.0	6.3	1.7	2.0
112 OF-5000	2.8	4.3	4.3	6.7	2.7
113 AKB1543	2.8	2.3	4.0	3.7	3.3
114 AKB360	2.5	3.0	6.0	3.3	2.7
115 AKB510	2.5	4.7	5.7	2.3	2.7
116 Rhythm	2.3	6.3	6.3	1.7	2.0
117 AKB047	2.3	5.7	6.0	2.3	2.3
118 Midnight	2.1	4.3	6.0	1.3	3.0
119 A03TB-938	2.1	7.3	6.3	1.0	2.0
120 AKB1661	1.9	2.7	6.0	2.3	2.0
LSD at 5% =	1.1	1.9	1.5	1.5	2.0

<sup>1</sup>9 = best turf quality<sup>2</sup>9 = best establishment<sup>3</sup>9 = least disease<sup>4</sup>9 = highest density



Table 11. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2009 at Adelphia, NJ. (Includes all entries in the Cooperative Turfgrass Breeders Test.)

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> April, 2010
1 A03-3	7.0	8.0
2 Midnight	6.5	6.3
3 Prosperity	6.5	7.0
4 A03-3606-8	6.5	7.0
5 103-585	6.4	7.7
6 A98-363	6.3	7.3
7 A06-19	6.3	7.7
8 A06-8	6.3	6.3
9 AKB047	6.3	6.3
10 A98-344	6.2	7.3
11 A00-1395	6.2	7.3
12 A05-347	6.2	7.0
13 AKB434	6.2	7.0
14 Rythm	6.2	6.7
15 A06-33	6.1	7.3
16 Bewitched	6.1	7.0
17 A04-1488	6.1	7.3
18 A05-322	6.1	7.0
19 K4-3	6.0	6.3
20 1A4-311	6.0	6.3
21 A94MH-94	6.0	7.0
22 AKB510	6.0	5.7
23 Diva	6.0	7.3
24 K9-105D	6.0	6.3
25 K9-90	5.9	6.3
26 K4-15	5.9	6.3
27 KH8529	5.9	7.3
28 PP-34736	5.9	7.0
29 AKB262	5.9	6.7
30 103-87	5.8	6.7
31 Rhapsody	5.8	6.7
32 America	5.8	7.0
33 A00-2882	5.7	7.3
34 AKB141864	5.7	6.7
35 AKB355	5.7	6.7

(Continued)

Table 11 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> April, 2010
36 A03-351	5.7	6.3
37 Futurity	5.6	6.3
38 Bluenote	5.6	6.7
39 K4-7	5.6	5.7
40 AKB345	5.6	6.3
41 103-651	5.6	6.0
42 A99-523	5.6	6.3
43 A04-38	5.6	7.0
44 A04-383	5.5	7.0
45 A05-314	5.5	6.0
46 Yankee	5.5	7.0
47 MSP 3898	5.5	6.7
48 A05-297	5.5	5.3
49 A04-1271	5.4	7.7
50 A96-1338	5.4	6.7
51 A05-894	5.4	7.3
52 K7-28	5.4	6.7
53 A04-1417	5.4	6.3
54 A03TB-938	5.4	7.3
55 T7-7	5.4	7.3
56 104-59	5.3	7.3
57 A05-354	5.3	6.3
58 A98-210	5.3	6.0
59 Mallard	5.3	6.3
60 A05-321	5.3	6.3
61 K9-99	5.2	6.7
62 K9-100	5.2	7.0
63 A05-201	5.2	7.0
64 AKB049	5.2	7.0
65 A05-316	5.2	5.7
66 1G4-66	5.2	7.0
67 K9-92	5.2	6.7
68 K9-86	5.2	6.0
69 AKB042	5.2	6.3
70 AKB1565	5.2	6.3
71 K8-76NO	5.1	6.3
72 A06-2	5.1	6.0
73 K9-82	5.1	6.7
74 A03TB-677	5.1	7.7
75 A06-632	5.0	7.7

(Continued)

Table 11 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2010	Establishment <sup>2</sup> April, 2010
76 A05-323	5.0	5.7
77 AKB953	5.0	5.0
78 K7-29	5.0	6.3
79 K8-64	5.0	6.7
80 Shamrock	5.0	7.3
81 AKB186	5.0	6.3
82 AKB1010	5.0	5.3
83 Arrowhead	5.0	7.3
84 Baron	4.9	6.0
85 MP07	4.9	6.3
86 Sombrero	4.9	7.7
87 A04-74	4.8	4.3
88 AKB360	4.8	5.0
89 A07-393	4.8	6.3
90 K8-75NO	4.8	6.7
91 102-158	4.8	6.3
92 Mozart 1	4.8	6.3
93 Volt	4.8	7.0
94 KH3343	4.7	7.3
95 AKB264	4.7	6.7
96 A05-350	4.7	5.7
97 AKB426	4.7	5.3
98 AKB1012	4.6	5.7
99 K9-87	4.6	5.7
100 AKB363	4.6	5.7
101 AKB1661	4.6	5.0
102 Touchdown	4.5	6.3
103 Ridgeline	4.4	6.0
104 OF-5000	4.2	6.0
105 Arrow	4.1	5.3
106 TD08-4	3.9	5.3
107 KenBlue	3.9	6.0
108 AKB1543	3.5	5.3
109 Orfeo	3.4	5.0
LSD at 5% =	0.7	1.2

<sup>1</sup>9 = best turf quality<sup>2</sup>9 = best establishment

Table 12. Yearly nitrogen (N) applied and mowing height (Ht) on Kentucky bluegrass and Texas bluegrass hybrid tests established at Adelphia and North Brunswick, NJ.

	2006		2007		2008		2009		2010	
	N <sup>1</sup>	Ht <sup>2</sup>	N	Ht	N	Ht	N	Ht	N	Ht
Table 1 (2005 Adelphia).....	3.5	1.5	2.3	1.5	2.3	1.5	2.25	1.5	2.25	1.5
Table 2 (2006 Adelphia).....			2.8	1.5	4.3	1.5	3.75	1.5	1.50	1.5
Table 3 (2006 North Brunswick).....			3.6	1.5	2.7	1.5	2.08	1.5	3.31	1.5
Table 4 (2007 Adelphia).....					3.8	1.5	4.50	1.5	3.75	1.5
Table 5 (2007 North Brunswick).....					2.7	1.5	2.08	1.5	3.31	1.5
Table 6 (2008 Adelphia).....							4.00	1.5	3.75	1.5
Table 7 (2008 North Brunswick).....							2.52	3.0	2.35	3.0
Table 8 (2009 Adelphia).....									4.50	1.5
Table 9 (2009 North Brunswick).....									3.84	3.0
Table 10 (2009 Adelphia).....									3.00	2.0
Table 11 (2009 Adelphia CTBT).....									4.50	1.5

<sup>1</sup> Annual N applied (lb/1000 ft<sup>2</sup>)

<sup>2</sup> Mowing height in inches